The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

No. 3013
VOL. CXXVII

NOVEMBER 6, 1937

Annual Subscription (with Diary) 20/-. Single Copies 9d.

Display HALIBORANGE
the nicest way of taking Halibut-Liver Oil

Haliborange in your window and on your counter and link up with the national advertising campaign now running.

Introduce it to your customers and you will rapidly create a regular and surprising demand.

The attractive showcard illustrated will be sent on request.

ALLEN & HANBURYS Ltd.
LONDON, E. 2

Telephone:
Bishopsgate 3201 (12 lines)

Telegrams:
"Greenburys Beth London."

Index to Advertisers, pp. 5 & 6.

'NADOLA'

Natural Vitamins A and D

'NADOLA' is a new standardized preparation of natural vitamins A and D obtained from halibut-liver oil and other fish-liver oils. These oils are assayed and blended to give a product containing 55,000 International units of vitamin A and 5,500 International units of vitamin D per gramme. 'Nadola' has thus over 90 times the minimum vitamin A value and over 60 times the minimum vitamin D value of the B.P. cod-liver oil.

'Nadola' has been introduced at a seasonable time and already is in good demand. It is economical in price, and offers the chemist a generous margin of profit, especially when ordered on the bonus terms available. Send for terms now.

'Nadola' is issued in 10 c.c. and 50 c.c. bottles (M.R.P. 2/6 and 11/- respectively) and in packages of 25 and 100 gelatin capsules (M.R.P. 2/6 and 8/- respectively).

SEND FOR TERMS

PARKE, DAVIS & CO., 50, BEAK ST., LONDON W.1.

ADVERTISED EVERYWHERE

5/- per Box
(One Month's Supply)

45/- per Doz.
(P.A.T.A.)

Elasto Tablets

REGISTERED

THE NEW BIOLOGICAL TREATMENT FOR VARICOSE VEINS

National Press Advertising has made vast numbers of the general public keenly interested in Elasto. The interest can now easily be turned into sales and profit for you by showing Elasto prominently. Further—the enormous satisfaction your customers will get justifies your recommendation. They will appreciate it. Show material FREE . . .

THE NEW ERA TREATMENT CO. LTD.
CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

One and Threepence Profit on every Sale!

A A

NOTICE

TO THOSE ORDERING POND'S CHRISTMAS GIFT COFFRETS

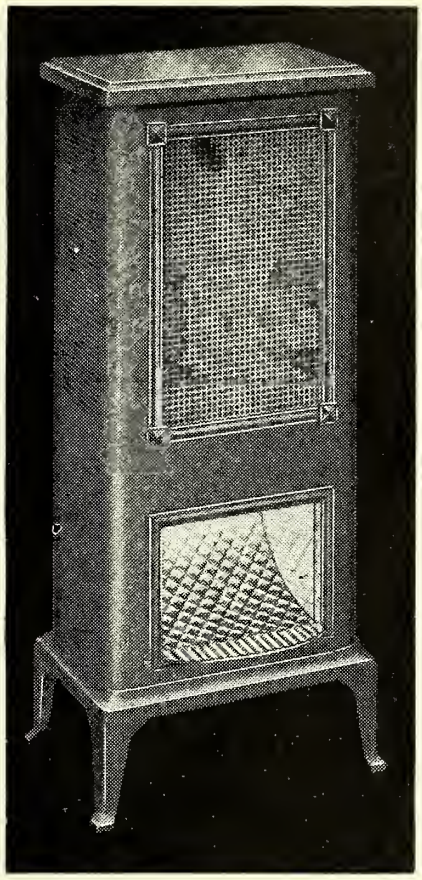
Owing to the enormous demand for the 1/6 coffrets, our stocks are now exhausted and no further quantities can be supplied.

There is, however, a 2/- coffret which is now available in place of the 1/6 coffret. This 2/- size is of particularly good value for it contains: 6d. jars of Pond's Vanishing Cream and Cold Cream, 6d. box of Pond's Powder, 6d. Pond's Skin Freshener and a supply of Pond's Tissues. We are able to put this size on the market at 2/- only because of the recent reduction in the retail price of Pond's Skin Freshener.

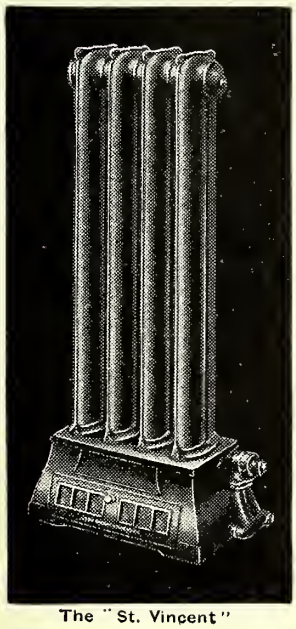
The demand for all Pond's Coffrets this year has been so considerable that we would ask your kind indulgence for any delay in delivery.

POND'S EXTRACT COMPANY LTD.
WADSWORTH ROAD, PERIVALE, GREENFORD, MIDDX.

HEATING EFFICIENCY



THE "Console" Cabinet Radiator is another design constructed to give maximum heating efficiency and the diffusion of a soft pleasant warmth. The attractive lines of the "Console" together with the wide choice of finishes make it a particularly suitable heater for warming shops, showrooms, stockrooms, etc. The "Console" is made in 6 sizes, giving a choice of three heights and two widths.

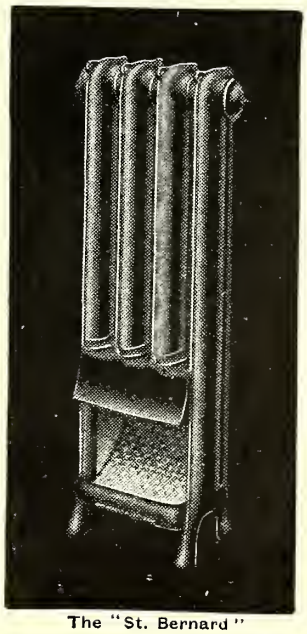


The "St. Vincent"

"LOOPS OF HEAT"

Shops and stores all over the country have installed Wright's Gas Radiators (Loop design) and ensure comfortable warmth for customers and staff. One of the outstanding advantages of Wright's Gas Radiators is that these radiators need no attention from the moment they are lighted. The 'Regulo' automatic control keeps the radiator at an even temperature, and also ensures that only a minimum of gas is used.

All who are interested in shop heating should write for a copy of "Gas Heating," a book of information, profusely illustrated, showing a variety of designs in Wright's Gas Radiators.



The "St. Bernard"

JOHN WRIGHT & CO. LTD. (Dept. C.D.), ASTON, BIRMINGHAM, 6, MAKERS OF GAS RADIATORS Radiation

GIFTS BY GUERLAIN

VOL DE NUIT . .	from	27/6 d	N° 90	from	35/-
L'HEURE BLEUE	—	21/-	SOUS LE VENT .	—	25/-

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When you tender for **Disinfectants**

to Hospitals, Public Institutions, Local Councils, &c

REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers to the **PRINCE REGENT TAR COMPANY, LTD.**

give you special terms for contracts.

Carbolic Disinfecting Fluids containing 3% to 80% Tar Acids.
White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 10/12, 18/20, 20/22, 24/26.
Lysol B.P. Quality. Pine Disinfecting Fluids.
Pink Carbolic Disinfecting Powders containing 5% to 20% Tar Acids.
Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Carbolic Disinfecting Fluids, Rideal Walker Co-efficients 2 to 20.
Liquid Carbolic and Cresylic Acid, Dark 95/97% and Pale 97/99%.
Sulphur Candles. Formaldehyde (Formalin) 40% Solution
Formaldehyde (Formalin) Tablets. Liquid Soaps.
SOLUBLE Carbolic or Pine Blocks for road watering vans
Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name.

Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

SAMPLES AND PRICES ON APPLICATION TO

PRINCE REGENT TAR COMPANY, LTD.

(Managers: BURT, BOULTON & HAYWOOD, LTD.)

BRETTENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C. 2

Phone: Temple Bar 5801 (5 lines) *Telegrams: "Burboul, Rand, London."*

How **this** once-a-year dog medicine....

Sells **this** once-a-week dog treatment....

And **this** once-a-day dog food supplement...

● **Your dog-owning customers buy a worm medicine perhaps once a year. Yet you can make that single purchase draw a whole chain of sales for two big, profitable sellers.**

This remarkable sales link is a discovery of Cooper, McDougall & Robertson. And this is how it works.

Coopers are telling dog owners, through the Dog Papers, the remarkable facts about the causes and treatment of worms. Dogs get worms in two ways.

1. Fleas carry 87 per cent of tapeworm infection. Keep away fleas and you greatly reduce the chances of tapeworm. To destroy all fleas, lice and ticks dust the dog's coat with *Pulvex*. Pulvex is a truly remarkable insecticide. It doesn't merely stupefy the vermin like other preparations; it really kills them. *And it actually keeps the dog flea-proof for a whole week.*

2. Scavenging is the main cause of roundworm. Dogs get roundworm by eating excreta. They develop this habit because they lack certain mineral salts. You can give them these essential salts by adding *Cooper's Vitamin Ration* to their food once a day. Cooper's Vitamin Ration contains calcium, phosphorus, magnesium, iron and vitamins A, B and D. *It stops scavenging and prevents roundworm.*

So, when a customer asks for a worm medicine, first sell him Cooper's Liquid Worm Remedy, a recognised specific, and then tell him how Pulvex and Cooper's Vitamin Ration can save his dog from repeated worm infection. *Your profit on these two products per customer per year is 9 times what you get on a worm remedy alone.*

And remember that there are nearly three million dogs in the country —every one a possible regular user of these two profitable Cooper products.

Write up for any further particulars you may require about Pulvex and Cooper's Vitamin Ration and how they are used in the Cooper Health Routine. Enormous interest is being aroused among thousands of dog breeders by weekly advertisements which explain this remarkable new treatment. Turn this interest in your direction by showing the products on your counter and in your windows. Start now to develop a very small side of your business into a big money-making department.

And here are the

3 PROFITABLE LINKED LINES in the COOPER HEALTH ROUTINE now being advertised in leading Dog Papers

1. COOPER'S LIQUID WORM REMEDY.	2. PULVEX VERMIN POWDER	3. COOPER'S VITAMIN RATION
Small dogs 1/3. Larger dogs 2/6.	6d. and 1/3.	1/6 and 2/9.

TRADE TERMS — less 33⅓% and less 5% cash monthly.

COOPER, McDOUGALL & ROBERTSON LTD., Berkhamsted, Herts.

THE "CLINIC" N.H.I. HYPODERMIC NEEDLES

Record Fitting with Soft Metal Mount

Each Needle packed in a Cellophane Carton, packed 12 Cartons in a Box.

Size distinctly marked both on carton and Needle Mount.

CARBON STEEL
2/6 Dozen

STAINLESS STEEL
3/6 Dozen

Extra discount for 1 Gross lots.

A Display Card with one each of the 8 principal sizes in Stainless Steel free with orders of not less than 6 Dozen.

BRITISH MAKE

BRITTON, MALCOLM AND WAYMARK, LTD.

The Surgical Sundry House

38 SOUTHWARK BRIDGE ROAD, LONDON, S.E.1

Telegrams: CLINBRITIC BOROH, LONDON (2 words)

Paraffinum Liquidum B.P.

ALL GRADES SAMPLES & PRICES On application to

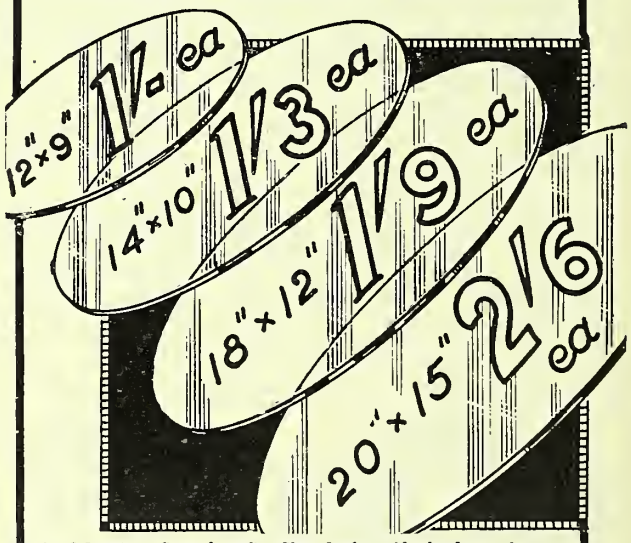
ALSO TECHNICAL QUALITIES

WHOLESALE ONLY

Sterns Ltd.
16, Finsbury Sq., London, E.C.2

Telephone: National 7644 (7 lines)
Telegrams: Centumvir, Phone, London

Send for our Xmas List of Display Fittings No. CD. 1787



No. GG 4653. Second quality Glass Ovals. Absolutely new but very slightly sub-standard in colour. In the above sizes only. Carr. Extra.

DUDLEY & COMPANY, LTD.
HOLLOWAY, LONDON, N.7

Holloway Showrooms: 451 Holloway Rd., N.7. Phone: Archway 4221.
City Showrooms: 65 Fore Street, E.C.

PUNCH
The Daily Telegraph
Evening Standard
STRAND MAGAZINE
The WIDE WORLD

Advertising for the "Allegro" Razor Blade Sharpener is in the papers shown on the left—papers that men read and respect. Straight Razor users, too, find details of the wonderful "Allegro" Flexible Strop. Sell "Allegro"—backed by National Advertising. Have a sample on your counter to demonstrate.

Heavily nickel-plated **"Allegro Standard" 21/-, "Allegro Junior" 8/6,** *sharpener for straight razors—sets and hones,* **"Allegro Flexible" 9/-.**

Allegro
Swiss Manufacture

THE NATIONALLY ADVERTISED SHARPENERS

Condrup Ltd
(Sole Agents)
77/78 Fore Street, London, E.C.2

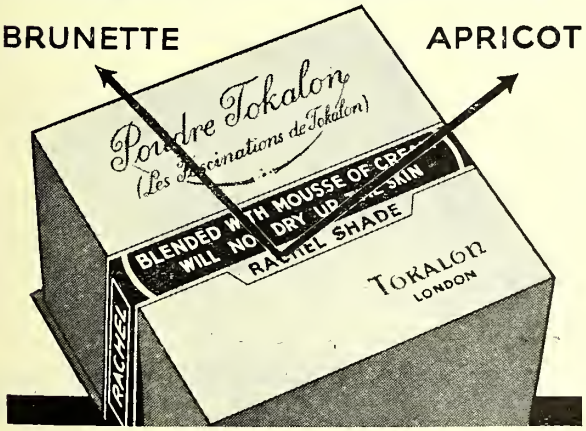
New SHADES POUDRE TOKALON

The most widely advertised Face Powder in the World.

WRITE FOR TRADE TERMS

TOKALON Ltd. CHASE ROAD, LONDON, N.W.10

BRUNETTE APRICOT



Introducing

Pynovape

BRAND

INHALANT

A New and Better Inhalant by the Makers of Novopine Products . . .

Pynovape, a valuable germicide, will increase your sales of winter remedies.

Pynovape gives immediate relief in cases of Colds, Catarrh, Influenza, Asthma, Hay Fever, etc.

Pynovape can be used freely by children and adults without any harmful effects.

Order Pynovape through your usual wholesaler.

Retail price 1/6 — Trade Terms 33⅓%

Pynovape is being advertised daily from Radio Normandie and will continue to be so advertised throughout the winter months.

ASTROPINE LTD., YEO ST., E.3

FRE

for you to

HERE'S AN IDEA

Last year many retailers bought additional supplies of Calendars from us, stamped their name in the space on the back and used them as their Christmas Gifts to customers.

WHY NOT

offer a Calendar free with every Pears Christmas Casket? It makes an ideal enclosure with a Christmas Gift.

PEARS 1938 CALENDAR

It measures 8″×3½″ and bears another famous Pears picture, exquisitely reproduced in *full colour*. This time it is Millais' "Cherry Ripe." On the reverse side is printed the music of the song of the same name, and the words of the song are printed on the calendar pad. Also on the reverse side is a New Year greeting, and a space for a signature or rubber stamp, so that the Calendar makes an excellent Christmas Card, or retailer's Calendar.

PST. 1/284

A. & F. PEARS LIMITE

CALENDARS

ive to your customers—

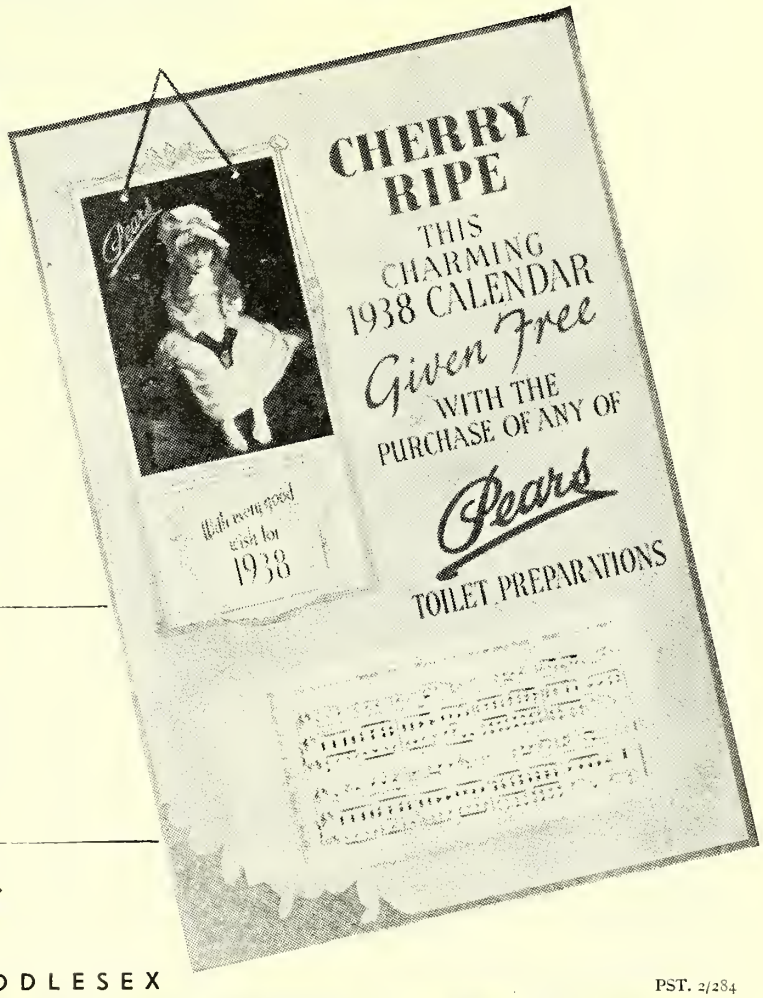
Pears "Bubbles" Calendars for 1937, distributed last winter, e a great success. Over a million were sent out. Enthusiastic ilers everywhere expressed their appreciation of the idea.

IS IS THE KIND OF ADVERTISING LIKE" they said, in effect. "IT BUILDS DWILL FOR US AS WELL AS YOU. LET US HAVE MORE ENDARS NEXT YEAR."

ere we are with an even better ndar for 1938—offered to you on even generous terms.

Calendars with every £2 order
" " " £4 "
" " " £8 "
and so on.

hould add—WHILE THEY LAST. We the demand is going to be bigger than last So get your order in early.



THIS FINE SHOWCARD

et the Calendars sell Pears goods for you. a beautiful card, 15 inches high, printed in red, black and cream, and with an actual ndar mounted in position. Sent out free every parcel of calendars.

e to Pears for free specimen Calendar, Price and full details of the attractive range of RS CHRISTMAS CASKETS.

T. TCD. 17. ISLEWORTH MIDDLESEX

PST. 2/284

WATCH SALES SOAR!

WATCH YOUR STOCKS!

New National Advertising Campaign to consolidate the success of **MORNING PRIDE**

"Morning Pride" has taken premier place in the shaving cream market. First in public favour "Morning Pride" is second to none in rapidly increasing sales.

Look to your stocks and be sure of your share of profits from this new wonder shaving cream.

WATCH FOR THEM IN—
London Evening Standard
Sunday Express
Sunday Dispatch
Sunday Chronicle
Sunday Times
John Bull
Sunday Mail
Sunday Post
Glasgow Weekly Herald
Scottish Field
Tablet Tit-Bits

MORNING PRIDE REGD.

THE RAZOR READY BRUSHLESS SHAVING CREAM

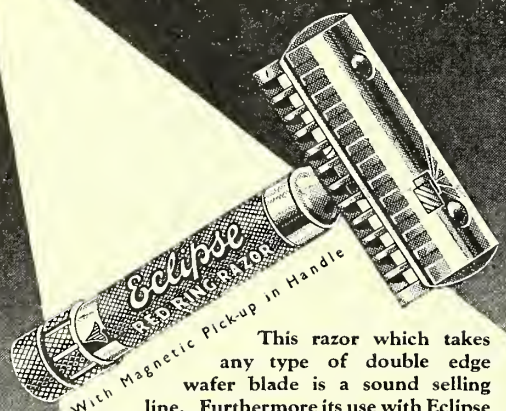
PRODUCT OF FAIRY DYES LTD., PHARMACEUTICAL DEPT

For particulars of attractive Initial Order terms write

SOLE DISTRIBUTORS · **FASSETT & JOHNSON LTD**

86 CLERKENWELL ROAD, LONDON, E.C.1

The razor for the connoisseur



This razor which takes any type of double edge wafer blade is a sound selling line. Furthermore its use with Eclipse Super Blades gives that high degree of Shaving Comfort which earns for the dealer an indisputable reputation for quality.

Retail Prices:— 10/6, 5/6, 3/6
Blades 5 for 1/8

Eclipse RAZORS and BLADES

Obtainable from your usual Wholesaler or direct from the Sole Manufacturers:

JAMES NEILL & CO. (SHEFFIELD) LTD., SHEFFIELD 11.

E.125

PRICO FUR POWDER PUFFS

GUARANTEED WASHABLE

GRIMWOOD & DE GEUS, LTD.

Moorgate Station Chambers, London, E.C.2

HIGHLY PROFITABLE

Is "Plastrodine" prominently displayed on your counter? If not you are missing the business which constant advertising to the public is creating. "Plastrodine" is the modern form of Iodine. On attractive display cards from your wholesaler.

Safety First
PLASTRODINE
First Aid
IODINE LIQUID PLASTER

Made by: DUKE PHARMACEUTICAL CO., Duke St., Liverpool

BEAUTY PREPARATIONS

Applications are invited from active, fully organised, well introduced Firms or Individuals to act as general EXCLUSIVE AGENTS IN GREAT BRITAIN FOR FRENCH LIPSTICK. This lipstick has the largest sale of all similar products throughout France. The British sales will be supported adequately by all forms of advertising.

When writing please give fullest particulars, references, names of brands already handled and all data that may be useful.

Write "PERFUMES," Box 314/423, Office of this Paper

Roll on Christmas—COTY is ready!

ILLUSTRATED
6 of the 40 Coty Christmas Gifts; for descriptions refer to numbers in catalogue.

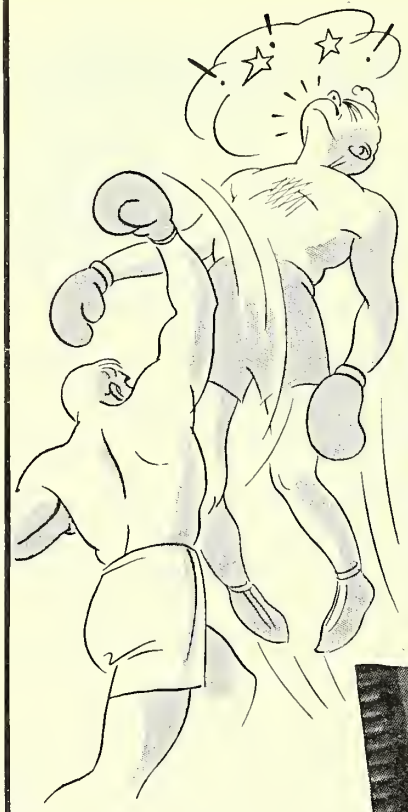
For months Coty has planned for the next 7 weeks. 40 new gift presentations have been created—more beautiful than ever before. For the information of yourself and your customers, an elegant photographic catalogue has been produced. Special advertisements featuring the slogan "Make it a Coty Christmas" are booked to appear in large circulation national dailies, high-class weeklies and women's magazines.

Now Coty is ready. Will you co-operate to make this a record Christmas for you and for them? You can help in two ways:—

1. Send for a copy of the catalogue if you have not yet received one, and keep it on your counter where customers can see it.
2. Link up with the extensive advertising support by displaying Coty Christmas Gifts prominently.

COTY (*England*) *Ltd., 2 New Bond St., W.1*

MAKE IT A COTY CHRISTMAS!



KNOCK 'EM COLD

with these striking displays!

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  In strong Cellophane-wrapped cartons of
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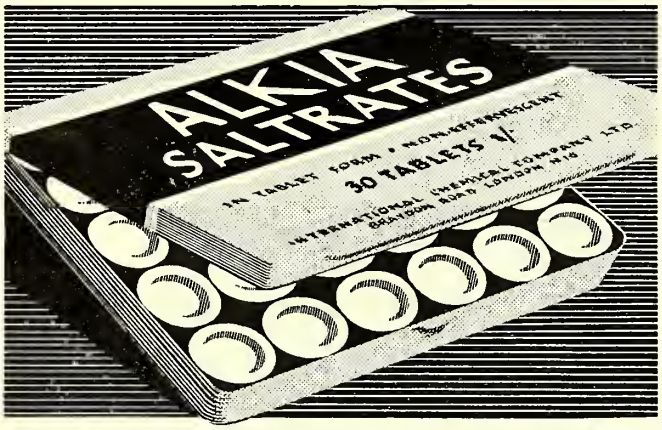

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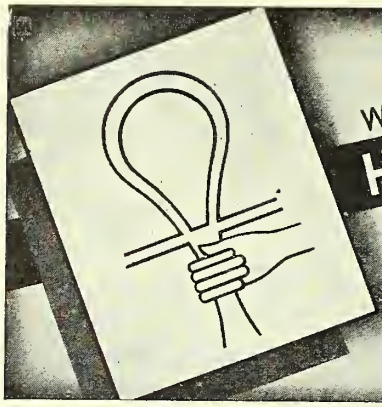

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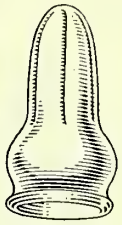

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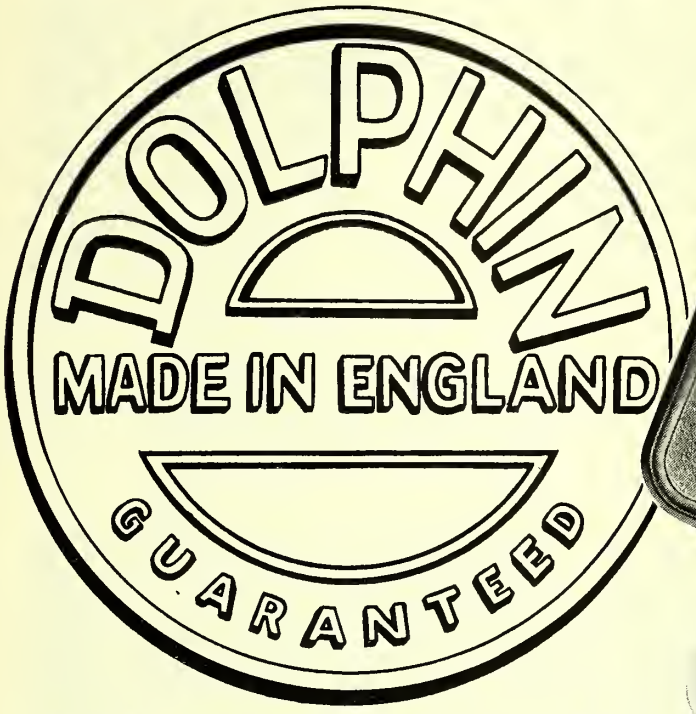

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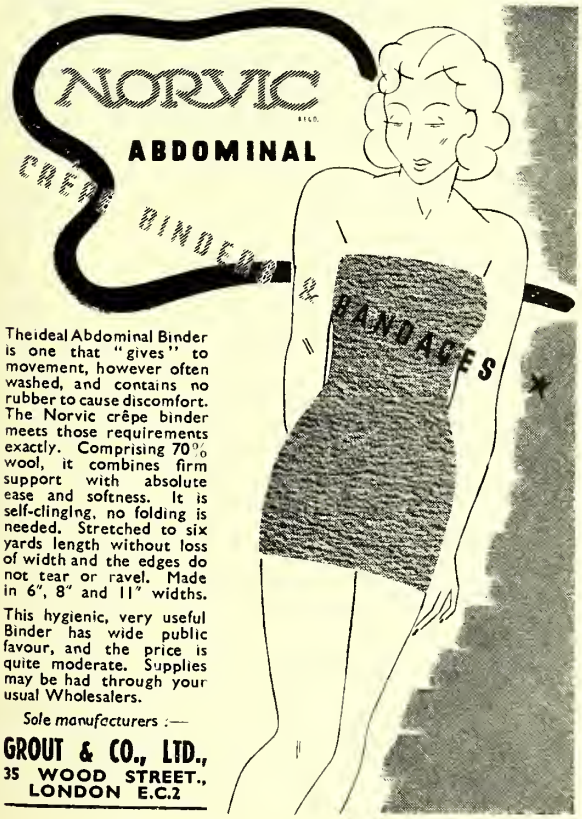

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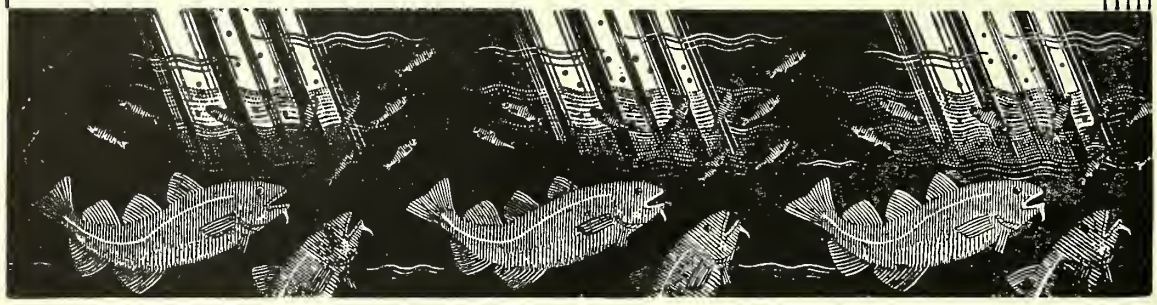

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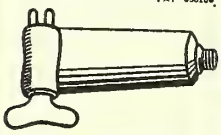

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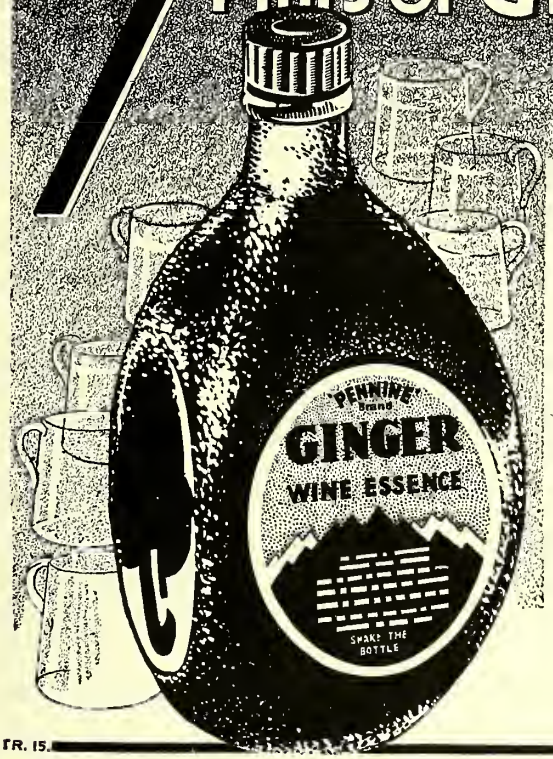

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15-in.	**2/3** ,,	**4/0** ,,
18-in.	**2/6** ,,	**4/9** ,,
21-in.	**3/0** ,,	**5/6** ,,
24-in.	**3/6** ,,	**6/6** ,,
30-in.	**4/6** ,,	**8/0** ,,

No. OK 256. First Quality Glass Ovals, ¼" thick, polished edges.

Size.		Size.	
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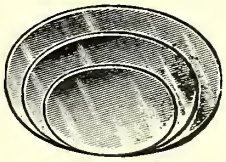
10" × 7"	**13/6** ,,	18" × 12"	**28/0** ,,
12" × 9"	**14/6** ,,	20" × 15"	**45/0** ,,
14" × 10"	**18/0** ,,	24" × 18"	**52/0** ,,



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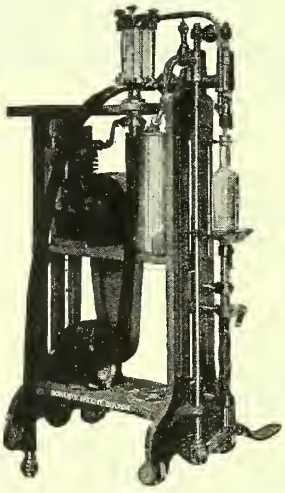

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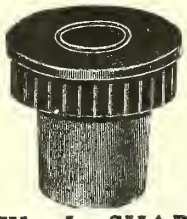

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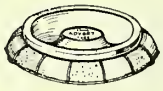

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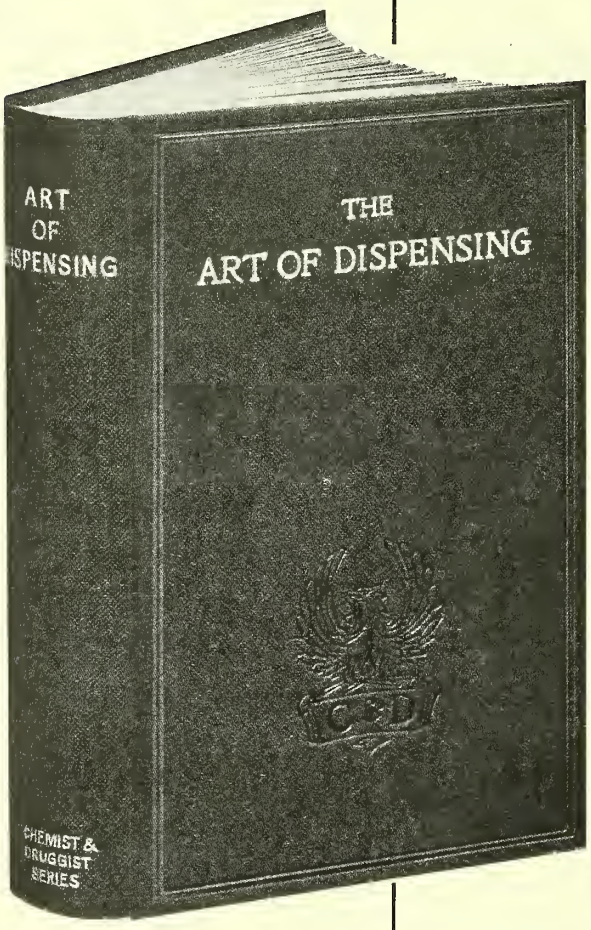

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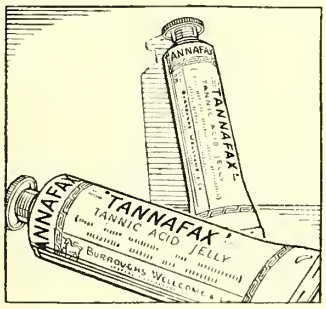

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News of the Week

Air Raid Precautions Foodstuffs Handbook

A pamphlet entitled "The Protection of Foodstuffs against Poison Gas" has been issued this week. Copies may be obtained from the Stationery Office, Kingsway, London, W.C.2, price 2d. The pamphlet deals with: Nature of contamination, summary of protective measures, packing of foodstuffs, storage of foodstuffs, storage in retail stores, ventilation systems and transport of foodstuffs.

Proprietary Articles Trade Association

We are advised by the Proprietary Articles Trade Association, 43 Gordon Square, London, W.C.1, of the following additions to, alterations in and deletions from the Protected List. The retail and wholesale selling prices quoted are the minimum selling prices fixed by the manufacturers and protected by the P.A.T.A.:

ADDITIONS.—Myleto Products, Ltd.: 6 ozs. Myleto Hair Colour Restorer, 1/6, 12/– dozen, 13 to the dozen on 3 dozen lots. Further 7½% cash in 7 days or 5% cash in 28 days.

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Eau de Cologne Corbeille Bleue ...	1/3	10/– dozen
,, ,, ,, ...	3/6	28/– dozen
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Extrait de Lavande de France ...	1/3	10/– dozen
,, ,, ,, ...	3/6	28/– dozen
,, ,, ,, ...	6/6	52/– dozen
,, ,, ,, ...	25/–	200/– dozen
Preface Perfume, Original Luxury Pack Pinaud's latest creation	42/–	336/– dozen

ALTERATIONS.—Pinaud, Ltd.:—

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DELETIONS.—Pinaud, Ltd.:—
Parfum Opera.

Sessional Items

The Sheffield Pharmacy Club held its second annual Old English supper at Davy's Restaurant, Fargate, on October 28. The chair was taken by Mr. G. K. Greenstreet. A collection taken for the Benevolent Fund of the Pharmaceutical Society realised £2 5s.

The Warwickshire branch of the National Pharmaceutical Union met at Leamington on October 28. A letter was submitted from the Coventry branch agreeing to a combined meeting of the two branches at Coventry at an early date, to be addressed by a member of the executive. Mr. W. S. Davis (a delegate to the N.P.U. Conference) gave a report of the discussions and resolutions.

The annual bridge and whist drive of the Nottingham and District Branch of the Pharmaceutical Society was held at Marsden's Café, Millom Street, recently. The following were the prize-winners:—BRIDGE: Miss Maulton, Mrs. Moulds, Mr. Nash and Mrs. Griffiths (chairman's special prize); WHIST: Mrs. Spooner, Mrs. Turner (chairman's special prize), Mrs. Gretton and Mr. F. W. Shepherd. The prizes were presented to the winners by Mrs. F. W. Moulds (wife of the chairman).

The opening business meeting of the Thames Valley District Pharmacists' Association's session took the form of a lantern lecture by Mr. Walter Deacon entitled "The Romance of Perfumes," given at the Kingston Hotel, Kingston-on-Thames, on October 19. Mr. Deacon, who visited many factories in France and Holland to get material for his address, showed lantern slides of factories and of flowers cultivated for distilling essential oils. A vote of thanks was proposed by Mr. Howells.

Exeter and District Branch of the Pharmaceutical Society met at Exeter on October 27, when Comdr. E. T. Marston (air-raid precautions officer for Devon) gave the second of his lectures. He said that the basis of all precautions was that the morale of the civilian population should be maintained. Dr. Richard Grey (Exeter police surgeon) also spoke. Mr. A. C. Milton presided and Mr. W. R. B. Arnold, who thanked the speakers, claimed that a skilled body of men like pharmacists should be enabled to take some prominent and official position in the anti-gas "crusade."

Bath

Mr. W. J. Hallett, one of the founders of the Bath Pharmaceutical Association, was elected *President* for the third time at the Association's annual social evening on October 21. He was invested with his chain of office, after supper, by the retiring president (Mr. T. J. Cornish), who referred to Mr. Hallett's sterling work. Their past season had, he said, been successful, and they were looking forward to an even more successful season. Mr. Hallett replied that he, Mr. Olds and Mr. Luther Wilson were the only survivors of the original founders of 1904. Since then he had never really been out of office, having been either secretary, vice-president, or committee member. "Pharmacy to-day, we are told," said Mr. Hallett, "is in a precarious state. Pharmacists are the victims of a very intense and unfair competition. We who have been active during the past thirty years can claim that we have built up, and built to endure, a position so consolidated by Act of Parliament and good will of many influential bodies that it is unassailable." The programme was arranged by Miss Ozzard, Mr. L. E. Williams, and Mr. E. C. Haskins. Mr. Frank Adams was M.C.

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Birkenhead

An address on "Air Raids and Poison Gases" was given by Mr. L. M. Marrison, B.Sc., to members of the Birkenhead and Wirral Pharmacists' Association on October 20, the president (Mr. P. Grant), in the chair. Mr. Marrison dealt with the various forms of poison gases. Chlorine was perceptible at concentrations of 1 in 5,000,000; phosgene at concentrations of 1 in 1,000,000. Mustard gas was perceptible in concentrations of 1 in 20,000,000. Lewisite, which had a smell like geraniums, was perceptible at much lower concentrations. The lecturer gave details of the amounts of gas used in the Great War, and dealt with first-aid treatment. Following a short discussion, Mr. Howarth proposed a vote of thanks.

Birkenhead and Wirral pharmacists held a whist drive and dance at St. Michael's Institute, Birkenhead, on October 28. Mr. J. T. Preston acted as M.C. for whist and Mr. Victor Younger for the dancing. The following where the whist drive prize-winners: *Ladies*, 1, Mrs. Venables, 183 (mirror presented by Ayrton, Saunders & Co., Ltd.); 2, Miss Robinson, 173 (gift set presented by Coty (England), Ltd.); 3, Miss Cooper, 172 (powder bowl presented by Maw, Son & Sons, Ltd.); best first half, Miss Woods, 91 (gift set); best second half, Mrs. Wilson, 91 (coffret presented by Vinolia, Ltd.). *Gentlemen*, 1, Councillor P. Allery, 172 (fountain pen and pencil presented by Allen & Hanburys, Ltd.); 2, Mrs. Osborne, 171 (brush set presented by Evans Sons Lescher & Webb, Ltd.); 3, Mr. McCowan, 171 (4711 coffret); best first half, Councillor A. W. Baker, 91 (gift set presented by Erasmic, Ltd.); best second half, Mr. F. Pott, 92 (cigarette box presented by Ayrton, Saunders & Co., Ltd.). Spot prizes for the dancing were given by Vinolia, Ltd., Pritchard & Constance, Ltd., D. & W. Gibbs, Ltd., and Icilma, Ltd.

Birmingham

As the result of a competition organised by the Birmingham and District Branch of the Photographic Dealers' Association, an album containing many photographs, taken by amateurs, of the local Coronation festivities, was made to the Lord Mayor of the city on October 30. The photographs were winning entries in an open competition. The Lord Mayor, in accepting the gift, said it was a valuable and permanent record, and on behalf of the Corporation he expressed his thanks.

Bolton

The Bolton and District Chemists' Association met on October 28, when Mr. J. R. Walmsley, Ph.C. (James Woolley, Sons & Co., Ltd., Manchester), lectured on "The History of Pharmacy." Mr. J. S. Walmsley presided. Details of the forthcoming dinner-dance were discussed, and a committee to deal with details was appointed.

An examination for student-associate members of the Bolton and District Chemists' Association was held on October 27, the paper being set by Mr. H. Brindle, B.Sc. (Manchester University). Prizes are being awarded by the Association to the successful students.

Bradford

A meeting of the Bradford and District Branch of the Pharmaceutical Society was held on October 26, Mr. J. A. Sullivan presiding, when an address was given by Mr. F. C. Wilson (a past-chairman of the Branch) on his proposals for reconstituting the Pharmaceutical Society on corporate lines. Mr. Wilson's scheme (*C. & D.*, August 21, p. 224) provides for a council elected through a series of local, vocational and area organisations. Opening the discussion, Mr. Sullivan objected to the idea of a Corporate State or government of pharmacy on anything like the corporate method as defined politically; but he felt that the occupational group system of government had much to commend it, and that the health service of the country could be co-ordinated into one complete service, suitably subdivided. If any new Pharmacy Bill were to be introduced it should emphasise the factor of self-government. He could not see much hope of limitation of pharmacies until pharmacy won the sole reservation of dispensing.

Mr. Wilson, replying, said he would be entirely against undue curtailment of personal liberty. Pharmacy had lost certain rights through its inability to provide the requisite country service, and only by finding a means of giving that service could it hope to regain its proper place. Many town areas were admittedly overcrowded with pharmacies, and the tendency of new openers to turn towards the town made the situation worse. Shop registration fees were bringing in about £16,000 per year to the Society, a sum which was substantially in excess of original need. Much of this could be devoted to making the country pharmacy a paying proposition. Mr. Wilson cited various countries in which limitation and distribution of pharmacies was controlled according to population. Mr. Griffiths supported Mr. Wilson's project. The Government, he said, would not listen to anything chemists might ask in their own interests. They must show they were out to give the public a better service and were in a position to do so. Mr. Pettyt thought the problem of too many chemists would solve itself in from five to ten years if the proposed new system of National Health service went through. Mr. Appleyard queried whether Mr. Wilson's limitation scheme would not make the price of businesses so prohibitive that an ambitious young chemist would become an old man before he could afford to buy one. Miss Dowling felt there might be real difficulty in getting the rural pharmacies organised because of the dullness of country life. Mr. Wilson said he did not anticipate any difficulty in the matter raised by Miss Dowling if, with the aid of subsidy, it could be shown that the country pharmacy was a better financial proposition than that in a crowded town area, nor why the price of pharmacies for sale should be forced up as feared by Mr. Appleyard. Mr. Robinson thought chemists must safeguard themselves against too much Government control. Mr. Wilson drew attention to the comprehensive nature of the new committee of inquiry into pharmacy, of which he was himself a member. His contention was that any limitation and redistribution required could be done entirely within the Society and without calling on further legislation beyond final State confirmation. Mr. Hudson did not think the scheme could be made operative under the Pharmaceutical Council as at present constituted, but he would like to see it pressed forward. Mr. Sutcliffe could not see the practicability of the scheme; there was no real parallel, he said, between pharmacy and certain trades mentioned. Mr. Wilson suggested that the existing necessity to register premises was a step in the direction of the control he advocated, and his idea was that the limitation and distribution could be effected through the registrar. Mr. Hudson moved a vote of thanks. The chairman announced that Bradford Branch officers had been in touch with neighbouring branches, suggesting that they should secure a consensus of views on this matter for presentation to the committee of inquiry.

Brighton

The annual meeting of the Brighton and Hove Association of Pharmacy took place on October 28. Mr. W. G. Northey was elected *President* in succession to Mr. Donald Foster, who was thanked for his services during the last two years. Mr. F. W. Burgess having tendered his resignation, the following were elected *Vice-Presidents* for the ensuing year:—Messrs. Hugh F. Foster, Donald Foster, K. J. Padwick and A. J. Franklin. Mr. H. R. Gwatkin was re-elected *Treasurer* and Mr. G. H. Phillips *Secretary*, while Mr. Hugh Foster again undertook the duties of *Secretary* to the local branch of the N.P.U. Mr. Mackie was unanimously re-elected *Librarian*. The election of the *Committee* was keenly contested, the result of the ballot being:—Messrs. W. S. Birch, C. V. Brumwell, Donald Hudson, Miss Freda Kieldsen, Messrs. T. Rees Morgan, J. Stuart Padwick and R. A. Shimmin. An account of the N.P.U. Conference was given by Mr. Hugh Foster (delegate), and many questions relating to it were discussed.

Harrow

Mr. H. M. Hirst (a member of the Pharmaceutical Society's Council) addressed the Harrow and District Branch of the Pharmaceutical Society at Harrow on October 19 on "Pharmaceutical Council Problems, Present and Future." Mr. H. J. Williams (chairman of the Branch) presided. Mr. Hirst said the council was built up on loyalty, but he sometimes thought criticism and co-operation were a help to officials. He had a duty to perform to the 4,000 odd who elected him. During the past two and a half years there had been eleven changes in the *personnel* of the council, and that was what Mr. Neathercoat had referred to when he spoke about the "loss of wisdom." There was something to be said for a scheme whereby a councillor was elected for five years and then

dropped out for a year, but they had to make the best of the present system. He thought one should not expect a man to go on when he was past the prime of life, and he personally would retire at sixty-five, even if re-elected triennially. He pointed out that the Establishment Committee had dealt with the new building, and that if one was not on this committee it was difficult to know what had gone on. They had to take a new building, but there should be no extravagance. He thought it should be paid for partly by posterity, and had voted for it after an assurance had been given by the treasurer that, unless something which he could not foresee should arise, there would be no increase in the subscription of members. The subject of chemists who had owned drug stores and had transferred them to their wives had created interest. Whether this was morally right it was not for him to say, but it would save complications, he said, if the drug store had neither labels nor goods which might lead people to think it was a branch of the pharmacy. It was the apathy of pharmacists that had brought the pharmacy to its present position. He had that day attended a first meeting of a special committee concerned with an inquiry into pharmacy, and had great hopes of its work. Regarding dispensing, he thought we should find something better than the "old gag" about the medical man dispensing and signing the death certificate. One must trust the medical man. A discussion followed, and questions were asked, to which Mr. Hirst replied. Mr. Islip moved a vote of thanks to the speaker.

Leeds

The annual combined dinner, under the joint auspices of the Leeds District Branches of the Pharmaceutical Society and the National Pharmaceutical Union, was held at Castle Grove Masonic Hall on October 27. The system is that the two branches take turns in the chairmanship, and on this occasion the dinner was presided over by the chairman of the N.P.U. Branch (Mr. E. Buckley), supported by Councillor H. Hodgson (chairman of the Society's branch). Councillor Hodgson, proposing "The Pharmaceutical Society," said that Leeds Branch might at times express criticism, but it prided itself on always trying to work in harmony with the council. In regard to the new proposals of the British Medical Association for a national medical service, Leeds Branch was prepared to co-operate to the utmost and would regard it as a privilege as well as a duty to take a proper place in furthering any such scheme. Mr. Thomas Marns, responding, said he came with a message from the Council. The Society, as they all knew, would shortly celebrate its centenary. In that 100 years it had done a lot of valuable work for pharmacy, but he felt nothing more important had ever been done than the inquiry on which they had just embarked. The ordinary chemist was in many cases doing his daily work under great difficulties and was ill paid for it. Things were not as they should be, and the effort to make them better would need the loyal support of all branches of pharmacy. The investigation might take some time. They might be able to present a report or perhaps only an interim report to the representatives' meeting at the Edinburgh Conference next September. If they could not, it would not mean that the work was being neglected. Mr. Buckley, proposing "The N.P.U.," welcomed the chairman of the national Executive and said in its sixteen years' existence the N.P.U. had shown a progressive spirit and evinced a determination to protect the chemist in his calling. It had helped the small individual chemist to meet the competition of the company shop and the store. Last, but not least, of the N.P.U.'s achievements had been the Chemists' Friends scheme. Mr. W. W. Atkinson, responding on behalf of the Executive, spoke of the big part Leeds had played in the growth of the N.P.U., and the heavy loss both Leeds and the N.P.U. had suffered by the passing of the late Mr. Herbert Gilleghan. He hardly needed to enumerate the many useful activities of the N.P.U. Its watchword was "Service," and they of the national executive intended to carry out the implications of that watchword to the full. A toast to "The Ladies and Visitors," proposed in felicitous terms by Mr. Paul Dobson (past-chairman and treasurer, Pharmaceutical Society's Branch) was responded to by Mr. L. C. Halliwell (past-chairman, Leeds Insurance Committee). Mr. Halliwell said as a secretary of an approved society he was glad of the opportunity to pay tribute to the excellent service rendered to insurance payers by both the doctors and the chemists. A toast to the chairman was proposed by Mr. H. M. Hirst (a member of the Pharmaceutical Society council) and responded to briefly by Mr. Buckley. Dancing followed.

The invited guests were Mr. Thos. Marns (president, Pharmaceutical Society) and Mrs. Marns; Mr. W. W. Atkinson (chairman, N.P.U.) and Mrs. Atkinson; Mr. L. C. Halliwell (a past-chairman of Leeds Insurance Committee); Mr. Norman Best (secretary, Bradford Pharmaceutical Society Branch) and Mrs. Best; Mr. G. S. Downie (vice-chairman, Halifax Branch); Mr. H. Bradshaw (secretary, Huddersfield Branch) and Mrs. Bradshaw; Mr. H. M. Hirst, Scarborough (a member of the Pharmaceutical Council); Mr. A. Flather (secretary, West Riding Insurance Committee) and Mrs. Flather; Mr. J. A. Atkinson (secretary, Leeds Insurance Committee) and Mrs. Atkinson.

Liverpool

The Old Students' Association of Liverpool School of Pharmacy held their inaugural meeting on October 28 at Liverpool School of Pharmacy. The president (Mr. J. Butler) addressed the meeting and explained the aims of the Association and the programme for the coming session. During the evening it was decided to reorganise the Old Students' Association Football Club and a football committee was formed. The meeting was well attended. The Association will be pleased to hear from any old students who are interested in the formation of a football club. All inquiries to the football secretary, Mr. W. Leslie, 48 Osborn Road, Liverpool, 4.

At a meeting of the Merseyside Film Institute Society on October 18, Lord Leverhulme (the new president), speaking on "Films in Industry," revealed that his father introduced the advertising film into this country as far back as the 1890's. After founding Port Sunlight he began extending his business on the Continent, and there met a man who possessed one of the first cinematograph projectors. "My father obtained two of the machines and had them transported to London," Lord Leverhulme continued, "and in London a suitable hoarding was chosen. . . the crowds which gathered were so vast that the authorities had to intervene and stop the show of pictures within a fortnight."

Llandudno

The Anglesey, North Carnarvonshire and Colwyn Bay Branch of the Pharmaceutical Society held a meeting at Llandudno on October 27, at which Mr. F. W. Adams (assistant secretary of the Society) spoke on "Considerations Affecting Legislation for Pharmacy." The chairman of the Branch (Mr. H. Rogers Jones) presided. Mr. Adams stated that his object was to place before the meeting his ideas, and some facts, with a view to opening a discussion on the subject. He mentioned that pharmacy had long been associated with legislation and that pharmacists already enjoyed certain protective measures, such as their title, sale of poisons and N.H.I. dispensing, and stated that it remained to be considered what was desired by way of further legislation. This, he thought, could be divided into three headings: dispensing; restriction of sales of B.P. and B.P.C. drugs to pharmacists; and limitation of pharmacies. Many pharmacists considered that all dispensing of doctors' prescriptions should be reserved to chemists, This attitude was supported by the fact that the pharmacist was the only person trained and examined in the art of dispensing and knowledge of drugs. The speaker thought that a demand for such legislation would meet with opposition; he enumerated objections which might be raised. Further, doctors might employ qualified pharmacists to dispense for them, thus removing the main point of the argument. If doctors lost their dispensing they might demand that the chemist should not be allowed to prescribe; if this came about the position might be less favourable than at the moment. The restriction of sale of B.P. and B.P.C. drugs to pharmacists, he said, was a desirable idea, but it was questionable whether the advantages obtained would compensate for the hostility which would be bound to arise. The large number of packed medicines in existence to-day had considerably changed the face of the drug trade and had largely removed the need for such legislation. Some demand had recently arisen for limitation of pharmacies, owing mainly to the large numbers of qualified men in comparison with the population. This was a continental idea, but its application in this country would be difficult and would not meet with much support even from pharmacists.

A general discussion followed. Limitation of pharmacies found littlo support, while the restriction of sale of drugs was favoured by most speakers. Opinions on the question of dispensing were divided. Some members believed reservation would be a privilege dearly bought, while others thought that

legislation should be agitated for. It was felt that the views of other branches should be obtained and published. On the suggestion of Mr. Adams, it was decided not to pass any resolutions on the subject at the moment, but to await the findings of the committee of inquiry which had been set up to study the position. A vote of thanks was accorded to Mr. Adams.

London

Special University lectures on "The Artificial Transmutation of Matter" will be given at King's College, Strand, W.C.2, by Professor James Chadwick, F.R.S., at 5.30 p.m. on December 2, 7 and 8. Admission free, without ticket.

The factory of J. Lyons & Co., Ltd., at Greenford, Middlesex, was visited on October 28 by a small party of members and friends of the Western Pharmacists' Association. Coaches provided by Messrs. Lyons & Co. took the party out from Baker Street Station. On arrival the visitors were conducted round the factory by able guides and saw much of interest, particularly in the large-scale handling and packing of such household requirements as tea, coffee and cocoa. At the close of an enjoyable afternoon the party was entertained to tea by the directors of the company. There were no speeches.

A meeting of the West Ham and Eastern District Branch of the Pharmaceutical Society was held on October 20. An interesting lecture was delivered by Mr. L. J. Walker (chief chemist to Potter & Clarke, Ltd.). In the absence of the president, Mr. F. R. Maxey took the chair. The lecture was illustrated by slides showing the manufacture of pills, tablets, lozenges, capsules, pastilles, ointments and extracts. The method of cutting, grinding and sifting crude drugs was shown also. A vote of thanks to the speaker, proposed by Mr. Hulme, was carried with acclamation. A collection on behalf of the Benevolent Fund raised 13s. 6d.

The Photographic Dealers' Association held their annual dinner, cabaret and dance at the Park Lane Hotel, Piccadilly, W.1, on November 3, Mr. Alec Hoare, Derby, presiding. Those present numbered about 500, a large proportion of whom were pharmacists. A toast welcoming the company was proposed by the vice-president, Mr. Harry Mottershaw (Sheffield). Lord Iliffe, the guest of honour, was called upon to propose the toast of the Association. Lord Iliffe said the gathering represented approximately 10,000 members from eighty-five branches. The past season, he said, owing to the increased spending capacity of the population during the Coronation, together with a favourably fine summer, had been one of the most successful in the history of photography; further, he was informed that the outlook for 1938 was a particularly cheerful one. The lease of the Royal Photographic Society's premises in Russell Square, he said, was nearing expiry, as more room was required for the new buildings of London University. The acquisition of new premises in South Kensington was under consideration; approximately £50,000 would be needed. He appealed to the retail trade to support this movement. Replying, the president informed the gathering that in the course of the next few days an album of photographs taken by amateurs in all parts of the country during the day of the Coronation would be presented to his Majesty the King. He paid especial tribute to the secretary of the Association, Mr. E. J. Andrews, and his staff, for their unceasing efforts in the work of the Association. The remainder of the evening was filled by an excellent entertainment and dancing. Each of the ladies present received a memento-gift from the Association, and additional gifts were handed by the president to three ladies holding winning tickets distributed during dinner. The entertainment expenses were defrayed by the Federated Photographic Manufacturers.

The sessional inaugural meeting of the North-East and East London Pharmaceutical Association and Branches was held on October 21 at St. John's Institute, Hackney, the president (Mr. J. A. Thompson) in the chair. Opening the twenty-fifth session he said that they met in circumstances that had no parallel in the history of the Association, in that they had lost by death during the year three founder members. He referred to the loss suffered by the death of Mr. T. Edwards (secretary for sixteen years) and of Mr. Pasco (ex-president). Many present spoke of their sense of personal loss. Letters of condolence were received from Messrs. Melhuish and Peacock. The audited statement of accounts was received and adopted, and officers for the year were appointed as follows:—*President,* A. F. Huggins; *Vice-President,* T. Broadhead; *Secretary,* F. W. J. Hooper; *Treasurer,* W. Wells; *Committee,* the officers and Messrs. W. A. Scott, G. B. Barnard, T. A. Thompson. The newly appointed president then took over the chairmanship of the meeting. The question of altered rules and their adoption was referred to the committee for examination and report to next meeting; a similar decision was made as to the form that the memorial to the late secretary should take. Mr. Huggins reported as representative to the British Pharmaceutical Conference, and some discussion arose. A report on the National Pharmaceutical Union Conference from the delegates (Messrs. Barnard and Thompson) followed. Discussion arose on many items.

Manchester

The annual meeting of the Manchester and District Pharmaceutical Masonic Association was held at the Manchester Limited Restaurant on October 27, Bro. S. H. Hummel in the chair. The balance sheet was adopted. The following officers were appointed for the ensuing year:—*Chairman,* Bro. R. Millner; *Vice-Chairman,* Bro. J. E. Edwards, D.C.; Bro. S. H. Hummel; Wor. Bro. A. Newton was re-elected *Treasurer;* Bro. G. V. Tyler was re-elected *Secretary*; Bro. J. R. Lateward was added to the *Committee*; and Bro. S. S. Renton was appointed *Steward.* The remainder of the evening was devoted to a musical programme.

The eighth annual reunion of Manchester University pharmacy students took the form of a reception and dinner-dance, and was held at the Manchester Limited Restaurant on October 27. There was a good attendance, over 150 past-students and friends being present. The guests were received by Miss I. Roberts (president of the Students' Association), who, prior to the reception, received a bouquet of carnations, presented to her by Mr. E. Berry, chairman of the past-students' committee. After dinner Mr. Berry proposed the loyal toast, and later the toast of the president. Miss Roberts, replying, thanked everyone, spoke of the growing popularity of the reunions, and advised all students to attend when possible to meet colleagues and renew friendships. Dinner was followed by dancing, for which Mr. H. Steinman acted as M.C.

Miscellaneous

Petroleum prospecting licences.—Notice is given in "The London Gazette" of October 29 that petroleum prospecting licences have been granted to the Anglo-American Oil Co., Ltd., 36 Queen Anne's Gate, S.W.1, in respect of defined areas.

Staff dance.—About 150 guests were present at the annual staff dance of Boots, Ltd., at Grantham, on October 28. The Mayor and Mayoress were among the guests, and the Mayoress presented the prizes for competition dances. Grantham Hospital is to receive any profit accruing.

Window dressing awards.—In the "proprietary foods, medicines and drugs" section of the Slough shop window dressing competitions, held recently, the following were among the winners: (1 and cup) Mr. H. P. Elliott, M.P.S.; (2) Stote & Oyston Pharmacy, Ltd.; (3) Mr. A. R. Barton, Cippenham.

Fires.—Twice recently Banbury Fire Brigade was called to deal with fires on the premises of Mr. J. A. Deacon, chemist and druggist, Parsons Street. On the first occasion a fire was discovered in the basement of the shop premises, but was under control before the arrival of the brigade. The second fire involved the warehouse and packing house at the rear of the main building. A large stock of Christmas goods was destroyed.

New Zealand Centennial Exhibition.—An exhibition to mark the completion of 100 years of British sovereignty and organised settlement in New Zealand will be held in Wellington, the capital, from November 1939 to April 1940, on a sixty-acre site. The exhibition will be controlled by a board of directors of which the Mayor of Wellington (Mr. T. C. A. Hislop, C.M.G.) is chairman. Mr. C. P. Hainsworth has been appointed general manager. The classification of exhibits includes a Chemical Industries section (acids, alkalis, heavy and technical chemicals, medicinal and fine chemicals, fertilisers, etc.). Plans and detailed information are obtainable on application to the exhibition offices, Brandon House, Featherston Street, Wellington, New Zealand, or to the High Commissioner for New Zealand, 415 Strand, London, W.C.2.

Irish Notes

Pharmaceutical Society of Ireland

The following passed the October Assistants' examination: Miss A. M. Caulfield, Edward Duffy, Miss K. A. Duffy, Michael Dunne, W. K. Dunphy, Miss Patricia Hans, Miss G. Keavney, Thomas Kenny, T. F. McHugh, J. M. Ryan, P. J. Ryder, Humphrey Sorsenson.

Dangerous Drugs Act, 1920

"The Belfast Gazette" of October 29 contained an Order-in-Council applying Part III of the Dangerous Drugs Act, 1920, to preparations of esters of ecgonine and of their respective salts and all preparations of ecgonine containing less than 0.1 per cent. of ecgonine and all preparations of esters of morphine which are productive, if improperly used, or are capable of being converted into a substance which is, or is likely to be productive if improperly used, of ill effects substantially of the same character or nature as or analogous to those produced by morphine and cocaine.

Northern Ireland Chemists' Benevolent Fund

A meeting of the Committee of the Northern Ireland Chemists' Benevolent Fund was held at 73 University Street, Belfast, on October 29. There were present: Mr. Fred Storey, Ph.C. (chairman); Miss Barry, M.Sc., Ph.C.; Messrs. A. Steede, Ph.C.; R. Guiler, Ph.C.; J. McGregor, Ph.C. (treasurer); and Trevor Nicholl, Ph.C. (secretary). Apologies for absence were received from Miss Laverty, Ph.C.; Mr. W. Tate, Ph.C.; and Mr. S. H. Forrest, Ph.C. (president of the Pharmaceutical Society of Northern Ireland).

Mr. Storey stated that he had written to the secretary of the Lord Leverhulme Trust explaining the objects of their Benevolent Fund, and asked him to place his letters before the Trust with a view to obtaining a grant. He was very pleased to say the secretary did so, with the result that the Lord Leverhulme Trust had made them a grant of £50 a year for seven years. He had acknowledged the letter expressing his great pleasure and satisfaction at the exceedingly generous grant, and stating that he would be delighted to place the offer before the next meeting of the Committee for their acceptance. The Committee were unanimous in their appreciation of this magnificent grant, and the secretary was authorised to write accepting the offer with very grateful thanks.

It was reported that the ladies' social committee were handing over £50 to the Fund, proceeds of a whist drive and dance organised by them, and the Londonderry ladies' committee had sent in £20, a contribution to the Fund from the annual dance in Londonderry. It was also reported that the ladies' social committee were organising a dance in the Plaza, Belfast, on November 10 in aid of the fund. The final draft of the rules was submitted and agreed to, subject to the approval of the honorary solicitor.

Irish Drug Association

At the recent fortnightly meeting of the Committee of the Irish Drug Association, Mr. R. B. Brown (vice-president) was in the chair. The chairman welcomed Mr. P. F. McGrath (Oxmanton Road and O'Connell Street, Dublin), and Mr. E. T. Ryan (Hamilton, Long & Co., Ltd., Dublin), both of whom have been co-opted to the Committee. Hollywood beauty preparations have been placed on the Approved List. Members were reminded that subscription (£1 11s. 6d. for each shop) are due since October 1.

Galway Chemists' Association

Mr. P. Kavanagh presided at a meeting of the Galway Pharmaceutical Chemists' Association held recently, at which there was a representative attendance of the profession. Mr. P. O'Donnell was elected *Secretary* to fill the vacancy created by the resignation of Mr. J. Whelan. Mr. M. Whelan was appointed delegate to the Provincial Meeting of Delegates to be held by the Irish Drug Association, with the chairman (Mr. McGoldrick) or the secretary as substitutes. The following schedule of hours of business was agreed to: Week-days, 9 a.m. to 7 p.m.; Thursdays, 9 a.m. to 1 p.m. and 6 p.m. to 7 p.m.; Saturdays, 9 a.m. to 9.30 p.m.; Sundays, 11.30 a.m. to 1.30 p.m. Bank Holidays: No opening except on August Bank Holiday. Calthill Area: The same schedule with the exception that between June 1 and October 1 the weekday hours to be 9 a.m. to 9.30 p.m. Mr. Brendan Smith (organiser, I.D.A.) gave a *resumé* of the activities of the Association and appealed for support by co-operating with prices, coding scripts, and assisting approved manufacturers and wholesalers. Members should, he said, charge the I.D.A. prices only.

Belfast

The Public Health Committee of Belfast Corporation has decided to recommend the City Corporation to defer for three months the appointment of a successor to Mr. J. H. Totton, the late city analyst.

A meeting of the Belfast ladies' pharmacy social committee was held on November 3, Mrs. Fred Storey (chairman) presiding. Final arrangements were made for the dance to be held in aid of the Benevolent Fund on November 10.

Topical Reflections

By Xrayser

"Future of Private Trading"

strikes me as a very useful article for pharmacists who conduct their own businesses. It embodies conclusions arrived at many years ago, after studying the methods of the multiple shops and the reactions of single-handed pharmacists to these methods. It can be said with conviction that the shops of the multiple concerns, no matter how efficiently they are conducted, usually lack that personal attention which is given by the private pharmacist. Managers and assistants change, or they are not always at hand to deal with the customer who particularly wishes to see them; the private pharmacist, apart from meal-times, is at his post and steps forward with a word of welcome.

This Alone,

however, will not hold the customer, or at any rate not for long. Similar selling methods to those of the "multiples" in display, whether in the window or at the counter, should be adopted. I am convinced that the price is not so important as some pharmacists appear to think, once the confidence of the customer is assured. I recall the experience of a friend, whose shop was opposite that of a "multiple" branch, who had no difficulty in getting 1s. 6d. for a dozen seidlitz powders, when across the way the charge was 10½d. A comfortable pharmacy is also a great asset, particularly in winter-time. Many pharmacists still have much to learn in this respect. Seasonal attention to the window is, obviously, of the greatest importance; it is here that the single-handed or under-staffed man is sometimes caught napping.

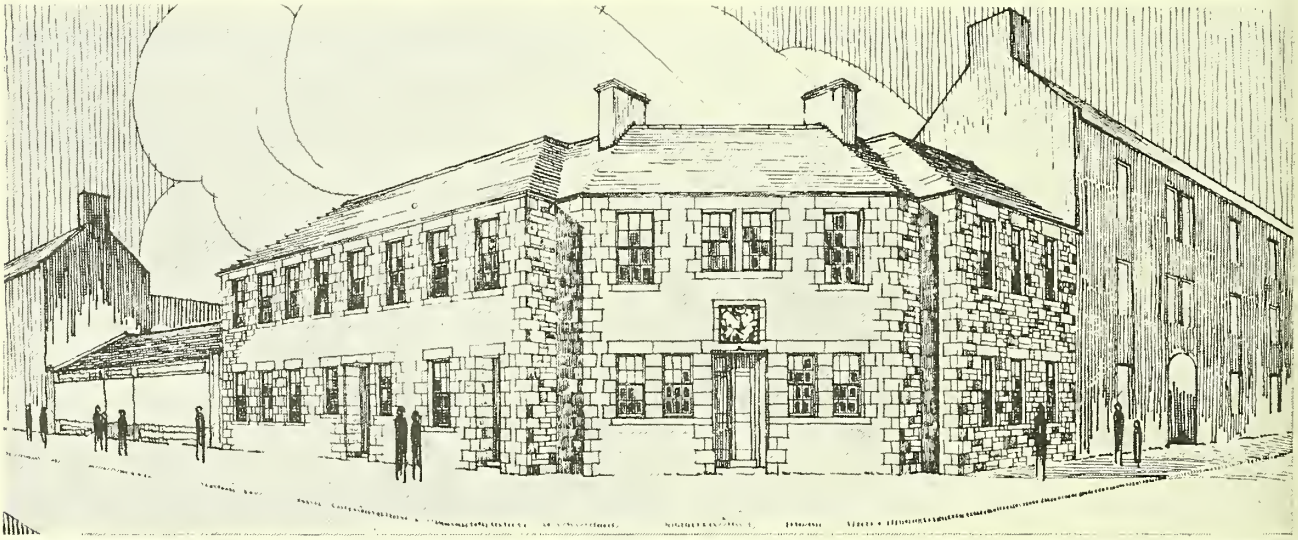
The Delegates' Conference

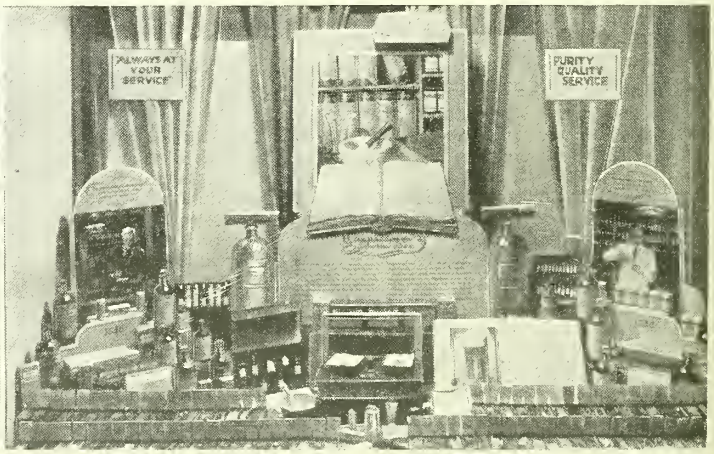
of the National Pharmaceutical Union, reported on pp. 518-20, may be regarded in the nature of a complement to the representatives' meeting held each year at the British Pharmaceutical Conference. Both are meetings of a practical character; they differ only in outlook. There were many interesting topics dealt with. The limitation of pharmacies appeared to have its supporters, but the secretary reminded those present that limitation carries with it some control of prices. The importance of the C.F. movement can be gauged by the number of resolutions tabled dealing with one aspect or another of the scheme. The general opinion appeared to be that in getting a 100 per cent. interest in it, it is better for each branch of the Union to tackle the question rather than to expect an official from headquarters to do the work. I learn from your report that a list of wholesalers is being compiled, thus following the lead of the P.A.T.A. An important motion was adopted to the effect that price-maintained articles should bear a notice stating that the price is net and that there is no bonus or dividend allowed.

News in Pictures

WORLD'S LARGEST DRUG STORE.—Erected by a multiple company at Miami, Florida, at a cost of a million dollars, the store (*left*) is claimed to be the largest of its kind in the world. The prescription department is a glass-enclosed space on the first floor, near which is a waiting-lounge.

SOLUS ADVERTISEMENTS.—Every available advertising space on this Cape Town omnibus (*below*) has been monopolised by Genatosan, Ltd., for popularising their product Genasprin.





EDINBURGH ROYAL PUBLIC DISPENSARY (*centre of page*).—Architect's drawing of new premises now nearing completion for occupation, it is hoped, on January 1. **DUTCH DRUGGISTS' SIGN.**—Many old Dutch drug stores bear the sign of the gaper, as on these premises (*above, left*) at Volendam. Identification of pharmacies, a subject discussed at several Association meetings recently, renders this curious symbol a matter of current interest. **U.S. PHARMACY WEEK DISPLAY.**—A window show at Perkins' Drug Co., San Angelo, Texas (*above, right*). The centre showpiece was supplied by a proprietary manufacturer.

Legal Reports

Explosives Act, 1875.—At Birmingham Police Court, recently, Mr. Frederick L. Smith, chemist and druggist, Winson Green, was summoned for having made "a certain explosive firework, consisting of sulphur in a mixture with chlorate of potassium, without consent of and subject to the conditions approved by the Government inspector," and for selling some of the mixture to a child apparently under the age of thirteen. On each summons he was fined £1.

N.H.I. Dental Service: Appeal.—On October 29 a Court of Appeal (the Master of the Rolls and Lords Justices Romer and MacKinnon) dismissed the appeal of Dr. Charles Augustus Bynoe, West Ferry Road, Millwall, E.14, from the judgment of Mr. Justice Simonds dismissing his claim against the General Federation of Trade Unions Approved Society for a declaration that they ought to include him in their list of dentists entitled to treat members under the National Health Insurance Acts. Mr. Justice Simonds held that the appellant did not come within the meaning of the word "dentist" as defined in the Regulations, viz., a person registered under the Dentists Act. The Court, each member of which expressed his sympathy with Dr Bynoe, who is a registered medical practitioner and a qualified dentist, dismissed the appeal. The Master of the Rolls said the effect of the Regulations on Dr. Bynoe was unfortunate, his practice for the last thirty-seven years being entirely in dentistry. He found himself precluded from practising as a dentist for health insurance purposes. The Court, however, had no option in the matter and the appeal must be dismissed. His lordship suggested that the Society should consider whether they would enforce the order for costs.

Order and Injunction.—In the Chancery Division of the High Court, London, on November 2, the Institute of Botano-Therapy, Ltd., Little Westgate, Wakefield, were defendants in an action brought by Mr. Samuel George Donaldson, North Street, Belfast, who claimed that his name had been wrongfully removed from the list of members of the Institute. He sought an order directing the Institute to restore his name to the Register, and claimed an injunction preventing them from excluding him from benefits of membership. The defence was that when told there had been complaints that he had acted in an unprofessional manner Mr. Donaldson failed to submit evidence refuting the charges. The Institute were willing to consider any answer he might have. They counterclaimed for return of the diploma granted to Mr. Donaldson. The charges to the Institute were made by a Belfast herbalist with whom Mr. Donaldson had been in partnership. Mr. Justice Farwell said that a private tribunal had to act in accordance with natural justice, and could only expel a member after giving him an opportunity of making his defence and after hearing the full charges. In this case that had not been done in a satisfactory way. The letter in which Mr. Donaldson was told of the charges was too vague. The Institute should have sent full particulars with an opportunity to Mr. Donaldson to reply. "It is perfectly plain," said his lordship, "that the way they have attacked this matter is wrong; they have not done what they were bound to do, and plaintiff is entitled to the order he seeks and he must have judgment on the claim and on the counterclaim, with costs."

Procedure Summons.—In the Chancery Division of the High Court, London, on November 2, before Mr. Justice Crossman, a procedure summons was brought by the plaintiffs in an action by Saville Perfumery, Ltd., against June Perfect, Ltd., and another. Mr. Basil Drewe, for the plaintiffs, said that Messrs. Woolworth were the second defendants, but the summons concerned the first defendants only. The plaintiffs alleged infringement of their trade mark "June," and passing off. They sought to restrain June Perfect, Ltd., from carrying on their business under their present name or any name comprising the name "June." The plaintiffs registered their trade mark "June" in March 1928 for perfumery and toilet articles. June Perfect, Ltd., was a private company registered in January 1936 to carry on business in the sale of perfumery and toilet articles. It was alleged that the defendants were infringing the plaintiffs' trade mark, and that their use of the name "June" was calculated to deceive and lead people to think that their goods were the goods of the plaintiffs. June Perfect, Ltd., denied that "June" was the essential feature of the plaintiffs' mark, and denied that they had infringed it or passed off their goods for the plaintiffs'. They claimed to be entitled to use the name "June" for themselves and an associated company. The plaintiffs, by the summons, asked for further and better details of all types of goods in which they, or their associated company, had traded anterior to the earliest date specified in the statement of claim. Messrs. Woolworth had given the plaintiffs particulars of their defence. Mr. Lloyd Jacob, for June Perfect, Ltd., said the summons was founded on a misapprehension. His clients had specified that they traded in hair lotions, shampoos and lipsticks. Mr. Drewe contended that the plaintiffs were entitled to wider particulars. Mr. Lloyd Jacob said the particulars asked for would involve dealing with the whole of the intricacies of his clients' business. It was agreed that Mr. Drewe should prepare a list of the types of articles sold and submit it to Mr. Lloyd Jacob for his approval. If the list was agreed the costs of the application would be costs in the action. Otherwise the matter would come before the judge again.

Pharmacy and Poisons Act, 1933.—At Croydon Borough Police Court, on October 28, F. W. Mumford, London Road, Norbury, was prosecuted by the Pharmaceutical Society for, not being a qualified chemist, selling ephedrine in Anestan; for retailing it on unregistered premises; and for not having the seller's name and address on the packet. He pleaded "Guilty" to the first two summonses. Mr. A. C. Castle said the defendant was not a registered pharmacist. On his shop front was the inscription "Norbury Drug Stores. Everything at cut prices." Mr. Mumford said that the company of which he was managing director had its head office at Balham. Those premises were registered, and there was a qualified chemist in charge. By a mistake in requisitions for stock, the Anestan was sent to the Norbury shop. The third summons was withdrawn. On the first two the defendant was fined £4, with £3 17s. 6d. costs.

At the Thames Police Court, London, on October 28, P. Grizzard, ironmonger, Commercial Street, Stepney, was summoned for selling rat poison containing barium carbonate without his name being entered in the local authority's list. Mr. Arthur Fail, who prosecuted, said, in view of the fact that the rat poison contained barium carbonate, the defendant was not allowed to sell it at all. The defendant had written a letter to the magistrate, in which he said that he bought the rat poison in a railway salvage sale, not knowing that it contained barium carbonate. He had since withdrawn the stock. The summons was dismissed under the Probation of Offenders Act on payment of 42s. costs.

At Hamilton Sheriff Court, on November 1, Elizabeth Meikle Bruce was charged, as managing director of E. & M. Bruce, Ltd., chemists, 138 Union Street, Larkhall, with having, on June 29, (1) used a certificate of registration issued by the Pharmaceutical Society of Great Britain to Sarah McIlroy Aitken, in terms of the Pharmacy and Poisons Act, 1933, by prominently displaying the said certificate in the said premises, contrary to Section 2 (3) (*a*) of the said Act; (2) used in connexion with the business of the said company a title and description of chemist and dispensing pharmacist calculated to suggest that the said company or someone employed possessed a qualification which was not possessed by the said company or any employee thereof, contrary to Section 3 (2) of the said Act; (3) herself sold to Ellen McBrearty a poison included in Part I of the Poisons List, made under the said Act, viz., Rankin's Head Ointment, being alkaloids of sabadilla, such sale not being effected by or under the supervision of a registered pharmacist, contrary to Section 18 (1) (*a*) (iii) of the said Act; (4) herself sold to Ellen McBrearty the poison without the container being labelled with the address of the premises in which it was sold, contrary to Section 18 (1) (*c*) (iv) of the said Act. Mr. J. C. Patterson, Procurator-Fiscal, said the Pharmaceutical Society viewed these offences with great seriousness. At the time mentioned no qualified chemist was employed by the firm. On behalf of the accused, Mr. Robert Orr, solicitor, made an appeal for leniency. The accused greatly regretted the fact that she had misrepresented the position to the inspector of the Society. A qualified pharmacist was now engaged. The fourth charge was a technical offence, as the firm had two shops. Sheriff Brown imposed a penalty of £10 (or thirty days' imprisonment), one month being allowed in which to pay.

Company News

P.C. means Private Company and R.O. Registered Office

ASKWOOD, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of importers and manufacturers of and dealers in pharmaceutical, medicinal, chemical, veterinary, industrial and other preparations, etc. Margaret M. Wood, 60 Perham Road, W.14; Wm. G. Askwith, St. Margarets, 13 Dorking Road, Epsom, director. R.O.: 444 High Road, Streatham, S.W.16.

M. J. CONLAN & CO., LTD. (P.C.).—Registered in Dublin. Capital £300. Objects: To carry on the business of pharmaceutical chemists, dispensers, druggists, photographers, etc. Francis J. Fitzpatrick, 39 Stoneybatter, Dublin (pharmaceutical chemist), Michael J. Conlan, 18 Kinlen Terrace, Lower Kimmage Road, Dublin (pharmaceutical chemist), are the first subscribers. The first directors are not named.

BRITISH OXYGEN, LTD.—An interim statement by the board discloses that results for the year to date are again a record. Although this would justify an increased interim dividend, the directors add, they have decided to postpone the question of a higher distribution or a capital bonus until the final results for 1937 are available. As a result of this decision, the interim dividend is maintained at the same level as in the past two years—7 per cent. less tax.

LEWIS BERGER & SONS, LTD.—A further expansion in net profits of £9,930, to £157,057, is shown in the accounts to July 31, 1937. Trading profits rose from £83,468 to £87,149 and £7,423 more at £82,346 was received in dividends from subsidiaries. Total income for the year was £171,057 compared with £161,761 for 1935-36. A sum of £5,000 is again deducted for depreciation and £4,000 against £3,500 for tax, including provision for N.D.C. The dividend is maintained at 16 per cent., less tax.

Voluntary Liquidation

D. D. Douglas, Ltd., 127 Brackenbury Road and 27 Glenthorne Road, Hammersmith, London, W.6, chemists. Pursuant to Section 238 of the Companies Act, 1929, a meeting of the creditors herein was held recently at the offices of the Association of Manufacturing Chemists, Kimberley House, 14-17 Holborn Viaduct, E.C. It was reported that the shareholders had met and had passed resolutions for voluntary liquidation, and had nominated Mr. Parkin S. Booth as liquidator of the company. A statement of affairs was submitted showing liabilities of £781 0s. 9d., made up as follows: Trade creditors, £501 8s. 3d.; cash creditors, £244; and bankers, £35 12s. 6d. In addition there were fully secured creditors for £361 12s. 7d. holding security valued at a like amount. The assets were estimated to realise £110 10s. 6d., and after allowing £54 7s. 5d. for preferential claims, the net assets were £56 3s. 1d., or a deficiency, so far as the unsecured creditors were concerned, of £724 17s. 8d. The company, it was reported, was registered in July 1933 under the style of the "Brackenbury Pharmacy, Ltd." The capital was £400 in £1 shares. The first directors of the company were Mr. D. D. Douglas, Miss Evelyn Joan Buck and Mr. G. H. Mellow. At an extraordinary general meeting of the company, held on November 3, 1936, it was resolved that the name be changed to "D. D. Douglas, Ltd.," and the same directors retained their qualifications. On November 5, 1936, Mr. G. H. Mellow resigned from the company. The business at 127 Brackenbury Road, Hammersmith, had been acquired by Mr. D. D. Douglas on May 23, 1933, and the lease of the premises was in the name of Mr. Douglas. That lease had an unexpired term of 22 years, and the rental was £130 inclusive. Mr. Douglas sub-let the premises to the company, but there was no written agreement regarding this lease. In September 1935 the company purchased an existing pharmacy at 27 Glenthorne Road, Hammersmith, for £693 2s. 7d. A deposit of £50 was paid, and it was arranged that the balance should be paid by instalments. The company gave a charge on all trading and tenant's fixtures and fittings at the premises, lease and goodwill of the business, and all book and other debts, which were or might become owing. There was now owing to the vendor the sum of £361 12s. 7d. The directors had no offer to make, and the creditors passed a resolution confirming the voluntary liquidation of the company, with Mr. Parkin S. Booth as liquidator.

Stock Exchange Prices

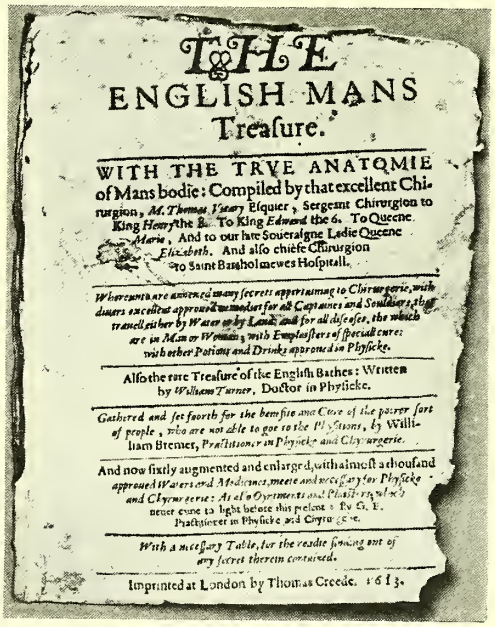
£1 shares unless otherwise stated	Dec. 31, 1936		Sept. 30, 1937		Oct. 29, 1937	
	s.	d.	s.	d.	s.	d.
Allen & Hanburys, 7% Prefd. Ord. ...	26	3	26	3	27	0
Amalg. Dental Co., 8% Prefd. Ord. ...	27	6	27	3	26	3
,, ,, Deferred £1	18	6	16	6	15	4½
Aspro, Ltd.	18	9	18	0	16	9
Ayrton, Saunders & Co., 7½% Pref. ...	25	0	24	0	23	6
Beechams Pills, Deferred 5s. shares ...	63	0	66	6	61	3
Benger's Food, Ord.	38	0	39	6	39	6
Benzol & By-Products cum. part. Pref. ...	6	3	11	9	11	1½
Berger (Lewis) & Sons, Ord.	73	1½	65	0	59	9
Blundell Spence & Co.	22	0	16	6	15	0
Boake (A.), Roberts & Co., 5% Pref. ...	22	0	21	3	21	3
Boots Pure Drug, Ord. 5s. shares	60	0	50	6	49	6
Boots Pure Drug, 7% "A" Prefd. Ord. ...	33	3	33	0	33	0
Boots Cash Chemists (S.), 6% "A" Prefd.	29	0	29	0	29	0
Borax Consold., Dfd. Ord.	35	6	30	3	29	3
Bovril, Ord.	27	3	29	0	27	3
,, Defd.	24	3	22	6	21	0
British Industrial Plastics (formerly British Cyanides), Ord., 2s. shares	3	1½	3	0	2	9
British Drug Houses, The, Ord.	21	9	23	3	23	0
British Glues & Chemicals, 4s. Ord. ...	9	10½	7	6	7	0
British Oil and Cake Mills, Prefd. Ord. ...	48	6	45	0	45	6
British Oxygen, Ord.	120	0	97	6	92	6
British Photo. Indus., 6% Cum. Pref. ...	4	0	3	9	3	9
Burt, Boulton & Haywood, Ord.	24	9	22	3	21	3
Bush (W. J.) & Co., 5% Pref. £5	110	0	105	0	103	9
Callard, Stewart & Watt, Ord.	12	0	7	9	7	0
Cooper, McDougall & Robertson, Ord. ...	37	0	37	0	34	0
Crosfield (Joseph) & Sons, 6½% Pref. ...	28	9	29	9	29	3
Dubarry Perfumery, Ord. 1s.	3	4½	1	10½	1	10½
,, ,, 7½% Pref.	26	3	22	9	22	9
Eno Propriet'y, Ord. 5s.	8	10½	7	7½	6	9
Evans Sons Lescher & Webb, Ord. 6s. 8d. shares	5	3	5	9	5	9
,, ,, ,, 6% cum. part. Pref.	8	3	8	3	8	3
Field (J. C. & J.), Ord.	27	6	27	6	26	9
Galloway (P. H.), Ord. 2s.	3	6	2	10½	3	0
,, ,, 7½% Cum. Pref.	26	6	26	7½	27	4½
Genatosan, Ltd., 1s.	6	4½	6	9	6	3
Gossage (William), 6½% Pref.	29	0	29	4½	30	3
Greeff-Chemical H'dings, Cum. Pref. 10s. ...	11	9	10	6	10	3
,, ,, ,, Ord. 5s.	9	6	8	1½	6	9
Griffiths Hughes (Kruschen), Ord.	47	6	23	0	19	3
Grout & Co., Ord.	19	6	17	6	16	6
Hodders, Ord. 1s.	0	10½	0	9	0	9
Ilford, Ltd., Ord.	28	9	28	9	28	3
,, 6% Pref.	26	9	25	6	25	9
Imperial Chemical, 7% Pref.	35	0	33	10½	33	1½
,, ,, Ord.	41	6	37	3	36	6
Intern. Sponge Importers, 6% Pref. ...	8	9	7	6	7	0
Knight (John), 25% Prefd. Ord.	107	6	102	6	101	3
Laporte (B.) & Co., Ltd., Ord.	123	9	103	9	98	9
Lever Bros., Ltd., 7% Pref.	33	6	31	6	32	0
,, ,, 8% Pref.	34	9	33	6	33	6
,, ,, 20% Prefd. Ord. 5s. ...	—		20	9	20	6
Lewis & Burrows, Ord.	24	0	25	0	24	9
,, ,, 6% Pref.	22	6	21	6	22	0
Liebig's Ext. of Meat, Ord. £5	£17¾		£15½		£14¾	
Macleans 6% Red Pref.	23	1½	23	6	23	0
Mellin's Food, 6% Pref.	2	6	1	6	1	9
Nathan, J. (Glaxo), 7% Pref.	25	7½	24	0	23	9
,, ,, ,, 8% Prefd. 10s.	13	6	13	0	12	3
,, ,, ,, Ord. 1s.	7	9	8	6	7	6
Pears (A. & F.), 5% Deb. £100	£110		£110		£105	
Reckitt & Sons, Ord.	115	0	103	9	105	0
Sangers, Ord. 5s.	28	6	24	7½	23	6
"Sanitas," The, Co., 9% Pref.	32	0	31	3	32	0
Sanitas Trust, 10% partic. Pref.	30	0	30	7½	30	3
Smith (Stephen) & Co., Ord. 5s.	10	9	11	9	11	9
Spratt's Patent, Ord....	67	0	56	9	58	3
Stevenson & Howell, 6¼% Cum. Pref. ...	27	0	25	0	25	0
United Glass Bottle Man., Ord.	50	6	52	6	53	0
Veno Drug Co., 8% Pref.	27	9	27	3	26	6
Virol, Ltd., Ord.	28	9	29	0	31	3
,, 7% Pref.	25	6	25	0	24	6
White (A. J.), Ltd., Ord. 10s.	21	6	18	9	19	3
White (Timothy) & Taylors, 7½% Pref. ...	31	9	30	0	30	3
,, ,, Ord. 5s.	34	6	33	3	31	3
Woodlands Chemists, Ord. 5s.	1	6	1	0	1	0
Wright, Layman & Umney (1932), 7% cum. Pref.	23	9	24	7½	24	6

An Early Medical Guide

THE TYPE of popular medical reference book issued by certain manufacturing and distributive organisations in modern times had its forerunner in the seventeenth century. An example, "The English Man's Treasure," has recently fallen into our hands, and as there may be some interest in comparing its contents with similar modern works, certain passages are extracted below. The "Treasure" is a stoutly leather-bound book containing some 600 small octavo pages, now considerably yellowed and faded, and the imprint on the fly-leaf proclaims that it was published by Thomas Creede in the year 1613. Its most important feature is a "true anatomie of Man's bodie: Compiled by that excellent Chirurgion, M. Thomas Vicary Esquier, Sergeant Chirurgion to King Henry the 8. To King Edward the 6. To Queene Marie, And to our late Soveraigne Ladie Queene Elizabeth. And also Chirurgion to Saint Bartholomewes Hospitall." On other pages are revealed "many secrets appertaining to Chirurgerie . . . with Emplaisters of speciall cure; with other Potions and Drinks approved in Physicke . . . for the benefite and Cure of the poorer sort of people, who are not able to goe to the Physitions."

Curious Recipes

Many recipes are given for all manner of aches and pains, each recipe being treated, however concise, to a separate chapter heading, the chapters themselves being grouped under the titles backe, bellie, braines, bruieses and sores, colick and stone, eyes and eyesight, King's evill, and many others. "A present remedy for a heate and paine in the backe" gives the directions: Take rose-leaves, and rose-water, of each of them a like quantitie, and put thereto as much Saunders as you shall thinke good, and let them be steeped in your Rose-water, for the space of 24 houres, then wash your backe as often as you can conveniently every day, for the space of sixe or seaven dayes, and this will both assuage the paine, and take away the heate, and much comfort the Raines. Chapter 170 describes "an other experienced medicine to staunch the bleeding at the nose," for which the treatment is, most unexpectedly, to "tye your little finger very hard about the lower joynt, and for the most part commonly it fayleth not to stay the same." Some of the remedies are so unpleasant as to give rise, in the mind of a modern reader, to the speculation whether they would not be worse than the diseases they set out to cure. One such directs: Take the doung of mice, and beate it into a fine powder, and put it into a pinte of the juice of plantine, and put thereto a little fine sugar, and then let the partie grieved drinke a good draught thereof at a time. As might be anticipated, so drastic a remedy is not for an everyday malady: it is recommended as an "excellent good remedy for one that spitteth bloud." In the main, however, the remedies are harmless enough, herbal chiefly, and with the frequent addition of ale or stout. About the virtues of many of them the editors were so satisfied that they did not hesitate to conclude with the words: *Probatum est.* A curiosity of the book is that the whole of this section is without page numbers, the numbering being by folios (front and back as one), while the remainder of the volume reverts to the more modern method of page numbering. There are 176 of these folios, each doing its best to justify the title of the book, but to linger too long over the Secrets would be to miss some of the other Treasures.


THE
ENGLISH MANS
Treasure.

WITH THE TRVE ANATOMIE of Mans bodie: Compiled by that excellent Chirurgion, *M. Thomas Vicary* Elquier, Sergeant Chirurgion to King *Henry* the 8. To King *Edward* the 6. To Queene *Marie*, And to our late Soueraigne Ladie Queene *Elizabeth*. And also chiefe Chirurgion to Saint Bartholomewes Hospitall.

Wherein are conteined many secrets appertaining to Chirurgerie, with diuers excellent approued medicines for all Captaines and Souldiers, that travell either by Water or by Land, and for all diseases, the which are in Man or Woman, with Emplasters of speciall cure: with other Potions and Drinks approued in Physicke.

Also the rare Treasure of the English Bathes: Written by *William Turner*, Doctor in Physicke.

Gathered and set forth for the benefite and Cure of the poorer sort of people, who are not able to goe to the Physitions, by William Bremer, *Professioner in Physicke and Chyrurgerie.*

And now sixtly augmented and enlarged, with almost a thousand approued *Waters and Medicines, meete and necessary for Physicke and Chyrurgerie: As also Oyntments and Plaisters, which* never come to light before this present. By G. E. Practitioner in Physicke and Chyrurgerie.

With a necessary Table, for the readie finding out of any secret therein conteined.

Imprinted at London by Thomas Creede. 1613.

Title page of "The English Mans Treasure"

An Encomium on Bath

Recalling the article on "British Spa Waters" which appeared in THE CHEMIST AND DRUGGIST Annual Special Issue, 1937, it is perhaps of value to direct attention to an encomium "Of the Bath of Baeth, in England," by William Turner, Doctor in Physiche, reprinted, apparently without substantial alteration, from a herbal published by the same Doctor Turner fifty-one years earlier, in 1562. Liberal extracts from this original work were given in THE CHEMIST AND DRUGGIST Annual Special Issue, June 28, 1924, to which interested readers may refer, so that it will suffice to outline the nature of the work and reproduce one or two passages not previously included. The author sets himself the task of demonstrating the virtues of the waters of this English spa to "many in the North parts, which being diseased with sore diseases, would gladly come to the bath of Baeth." To this end he gives a summary of its analysis, as it then appeared to him; lays down certain rules to be observed "of all them that will enter into any Bathe"; and, after condemning certain less attractive features in the conduct of the baths, makes suggestions for their improvement. He proceeds: Seeing that I have writ of the Bathes that are in forraigne Countries, therefore I thought good to shewe the vertues of our owne Bathes. The Bathe of England is in the West Countrey, in Somersetshire, in a Citie called in Latine *Bathonia,* and *Baeth* in English. . . . I was in the Bathes with a certaine man diseased of the Goute, I went into them my selfe with my Patient, and brought forth of the place next unto the spring, and out of the bottome, slime, mud, bones and stones, which altogether smelled evidently of Brimstone. . . . The bathes of brimstone doo soften the sinewes and doo heate, they are good therefore for Palsie, for places eyther pulled in too much or stretched too far foorth; for the shaking or trembling of any member, and they swage ache, and draw out swelling of the limmes, and drive and scatter them away. . . . He that hath beene in Italie and Germany and hath seene how costly and welfavouredly, the bathes are trimmed, and appointed there in divers and sundrie places, would be ashamed that any stranger which had seene the bathes in forraigne lands should looke upon our Bathes, for he would thinke that the straunger would accuse us English men of three things, of grosseness and brutish ignorance, becaus we cannot trimme our Bathes no better; of unkindnesse, because we doe so lightly regard so high and excellent gifts of Almightie God: of beastly filthinesse, because we make no partition between the men and the women, whilest they are in bathing, but suffer them contrary both unto the law of God and man, to goe together like unreasonable beasts, to the destruction both of body and soule of very many. Provided with all foresight, that not one drop of the water which they in the Lofts have occupied, fall not in againe into the principall Bath, but be conveied out by some other convenient way.

The first rule to be observed by human visitors to the bath was: Call to your remembrance, how often, and wherein you have displeased God, and if any of your sinnes come to your remembrance, occupie the same no more. Then "after yee have confessed your selfe unto Almighty God, and to such as yee have offended, in the Name of God aske counsell of some learned Physitian who is sent of God . . . . Yee may not goe into the bathe, the first day that you are come to it, but you must rest a day or two." Further detailed instructions follow.

The "Anatomie" earlier referred to describes the "simple members" (bones, cartilages, nerves, ligaments, cordes, arteirs, veynes, fatnesse, flesh and skinne); and the compound members (head, face, neck, shoulders and armes, lungs, the haunches and their parts, and the thighes, legges and feete).

New Factory Legislation

By a Barrister

SEVERAL important amendments to the existing law have been made by the new Factory Act, which was passed at the end of the last session of Parliament. The Act, it may be noted, will not come into full force until July 1, 1938. The owners of factories, in view of this new legislation, will have to take steps to bring thir factories and workshops into line with the new requirements. It may be convenient, accordingly, to examine the nature of these new obligations, and to consider as well an equally important feature of the Act, viz., the restrictions on the employment of women and young persons in factories.

The Act abolishes the previous distinctions between textile and non-textile factories, and between factories and workshops, and in general the same provisions and requirements will apply equally in the case of the one as in the case of the other. A workshop, accordingly, must be equipped so as to comply with the health, safety and welfare requirements in the same way as a factory.

Health Provisions

Dealing with the health provisions contained in the Act, a note should be made of the following new obligations imposed on owners and occupiers of "factories," using that word in the wide sense as including workshops.

Factories must be kept clean and free from effluvia arising from drains, sanitary conveniences and the like. All accumulations of dirt and refuse must be removed from workrooms daily, and their floors must be cleaned every week. In addition all inside walls and ceilings, not only of workrooms but also of stairs and passages, must be washed down properly once in every fourteen months, and must be repainted or revarnished once in every seven years.

As regards the prevention of overcrowding in workrooms: hitherto a minimum space of 250 cubic feet per person has been necessary. This requirement will continue without modification in the case of existing factories, for the next five years, provided that in the interval the inspector does not require the provision of suitable and effective ventilation, and for a further five years if such ventilation is in any event provided. After ten years, however, the new standard of 400 cubic feet per person will apply in every case. For the purpose of calculating the cubic space in relation to the above standard, no account must be taken of any space which is more than fourteen feet above the floor level. A notice must be posted up in every workroom indicating the maximum number of persons who may work there.

A reasonable temperature must be maintained in every workroom, and where the occupation is of a light, sedentary character, a minimum temperature of 60° F. must be maintained after the first hour. Every workroom must be equipped with an efficient thermometer, which must be placed in a suitable spot.

Effective lighting, whether natural or artificial, must be provided in every factory, not only where work is being actually done but also in any place where workers pass. All skylights and windows must be cleaned on both sides, and must not be obstructed. Sanitary conveniences must be suitable and sufficient for the persons employed, and there must be separate conveniences for each sex, except where all the persons who work in the factory are members of the same family.

All noxious dust, fumes, etc., must be prevented from accumulating, and safeguards must be taken against their inhalation by persons working in the factory. Underground rooms may be used for storage purposes, but they must not be used as workrooms, where they would be unsuitable owing to their construction, height, light or ventilation, or for any other hygienic reason.

Dealing with the new welfare provisions: drinking water, whether from a main or other approved source, must be available at conveniently accessible points for the persons employed in the factory. Suitable washing facilities, including soap and clean towels or other means of washing and drying, must also be provided and maintained in a proper and orderly condition. There must also be accommodation for clothing not used when at work, and suitable arrangements must be made for drying wet clothing. Proper sitting facilities must be available for female workers who work standing.

Safety Provisions

To deal with the safety provisions—of these there are a large number: Part II of the Act deals with this subject, and we can only make a cursory reference here to the new safety provisions.

There are new requirements with regard to the fencing of transmission machinery and the circumstances in which such machinery may be unfenced; with regard to vessels, sumps, pits containing scalding or corrosive or other dangerous liquids (Sec. 5, 18); hoists and lifts, chains, ropes and lifting tackle, cranes and other lifting machinery; the safe construction of floors, passages and stairs; the provision of safe means of access to places of work; the making secure of places of work from which a worker may fall for a distance of more than 10 feet; with regard to dangerous fumes, and explosive or inflammable dust, gases, vapours and other substances; with regard to steam boilers, steam receivers and steam containers and air receivers.

Certain factories, including all factories in which more than twenty persons are employed, must obtain a certificate from the district council to the effect that they are equipped with adequate means of escape in case of fire. Such means of escape must be properly maintained and must not be obstructed, and everything in connexion therewith must always be kept in the same state of preparedness as if an emergency had arisen. In factories where more than twenty persons are employed above the first floor at a distance of over twenty feet from the ground, proper instruction must be given to the employees in the use of the means of escape provided.

We will deal in conclusion with the new restrictions on the employment of women and young persons in factories. In future the maximum working hours for such persons will be nine hours per day and forty-eight hours per week (with a weekly maximum of forty-four hours, however, for persons under sixteen years of age). The period of employment (i.e., the period between opening time and closing time) must not exceed eleven hours a day. The earliest opening time is fixed at 7 a.m. and the latest closing time at 8 p.m. (though in the case of persons under sixteen it is 6 p.m.). On Saturdays 1 p.m. will be the latest closing time.

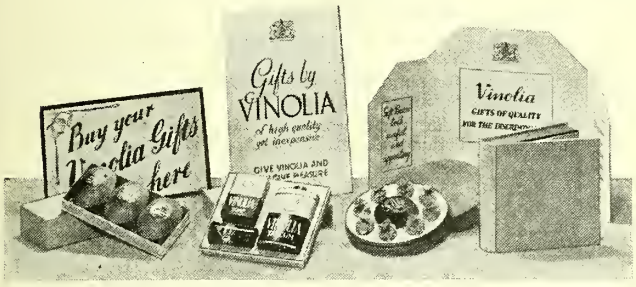
As regards overtime, no person under sixteen may be employed overtime. In other cases the position will be as follows:—Notice of authorised overtime must be posted up in the factory and certain particulars must be sent to the inspector whenever overtime takes place. Overtime may not exceed six hours in any week nor 100 hours in any year; nor may it take place in more than twenty-five weeks in any year.

The Secretary of State is given certain powers with regard to reducing or increasing overtime. Thus in the case of young persons overtime may be prohibited or restricted when such overtime is considered to be prejudicial to their health. Again, overtime may be restricted where the needs of the particular industry do not justify the full measure of overtime. On the other hand, overtime may be increased in the case of women, but not so as to exceed 150 hours in a year, where this course would be justified, as in an industry which experiences seasonal or other special pressure of work at special times. Further, there is a general power of increasing overtime where there are special reasons therefor in individual cases.

We may also note that when a young person under sixteen is employed, his employment must not continue for more than one week unless a certificate is obtained from the examining surgeon to the effect that such person is fit for the employment he is undertaking. Employees in factories should observe that they must not interfere with any of the appliances, etc., provided in pursuance of statutory requirements for their health, safety and welfare. They must, moreover, make use of such appliances, and must not do any act or thing which may endanger themselves or their fellow workers.

Trade Notes

VINOLIA GIFTS.—Illustrated are striking Vinolia display cards which form a background to some of the selected products specially suggested for Christmas gifts. In front of the three-way display screen appears the "book" gift box which contains six gold, cream and blue cartoned tablets of Vinolia soap. Another popular item is seen in the circular gift box, presenting a perfumed bath round with eight coloured wrapped bath salts.



The box of three Vinolia bath ovals on the left is obtainable in lavender, lilac or wallflower perfumes, and next to it on the right is a gift set for men, containing Vinolia shaving stick, soap and a tin of solid brilliantine. Further examples of the Vinolia series of gift boxes and perfumes are illustrated on an attractive leaflet, which may be obtained on application to Vinolia Co., Ltd., Bebington, Cheshire.

CHRISTMAS SHOWROOM.—Mawdsley's, of Manchester, express their thanks to customers who have helped to make their recent showrooms at Bolton, Preston and Liverpool so successful. The concluding showroom is being held at Room 80, The Grosvenor Hotel, Manchester, from November 3 to 10. A cordial invitation is extended to chemists in the area.

ITEMS ABOUT GLAXO.—Glaxo Laboratories, Ltd., Greenford, Middlesex, have sent us a copy of the new edition of the Ostermilk baby booklet which has been modified to include an extra feeding table which shows quantities for four-hourly feeding as well as the original three-hourly feeding-table. Similarly, the time-table of daily routine has been revised. A third table is intended to assist mothers and those who advise them in regard to the number of days a tin of Ostermilk lasts at each feeding stage. This is intended to be a check against over- and under-feeding. There are other new

features included in the book, copies of which may be obtained on application. We illustrate on this page, as an example of the new and attractive pieces of display matter, the Ostomalt screen, which depicts realistically specimen tubes of the four actual vitamins contained in Ostomalt. This screen, which is of educational value to the public, should assist materially in promoting sales.—New display showcards for Farex have also been introduced, and also for Ostocalcium and Adexolin.—The current issue of the G.L. (Glaxo Laboratories) Journal gives details of display parcels and contains an article on window display contributed by a chemist.

BONUS OFFER.—The bonus offer of 14 to the dozen on direct orders for Cachets Faivre closes on November 30. Wilcox, Jozeau & Co., Ltd., ask us to remind chemists who have not yet taken advantage of the offer that showcards and samples are available.

NEW PENNINE PRODUCTS.—Illustrated on this page are Pennine hand cream and Pennine after-shaving cream which have recently been introduced. Pennine hand cream is suggested for use during the winter months to keep the skin in a healthy condition. It can also be used advantageously as a powder base. Pennine after-shaving cream is non-greasy, and applied after shaving has a soothing action on the skin which is particularly to be appreciated during cold weather. Showcards are available for both products, which are made by Thornton & Ross, Ltd., manufacturing chemists, Linthwaite, Huddersfield.

ANDREWS WINTER BONUS.—A special winter bonus of six free tins to the gross is being offered to those who co-operate with an extensive advertising campaign undertaken by the makers: Scott & Turner, Ltd., Andrews House, Newcastle-on-Tyne 2. The offer closes on November 27, and those who have not already received particulars are invited to apply either to the address given above or to their wholesaler.

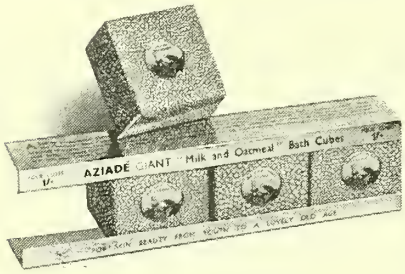
NADOLA NATURAL VITAMINS A AND D.—Parke, Davis & Co., Beak Street, Regent Street, London, W.1, have introduced a new standardised preparation of natural vitamins A and D obtained from halibut liver oil and other fish oils, and they describe it as Nadola. The oils are assayed to give a product containing 55,000 international units of Vitamin A and 5,500 international units of vitamin D per gramme. Further details are given elsewhere in this issue.

HINDS HONEY AND ALMOND CREAM.—Lysol, Ltd., Raynes Park, S.W.20, are advertising extensively in the Press Hinds' honey and almond cream, which is not simply a cold weather product but an article for regular use to promote and maintain the natural beauty of the skin. Attention is directed to a beauty gift set which contains the powder, cold cream and vanishing cream made by Messrs. Lysol under the name Hinds. These products are packed in a silver carton, and customers are asked to order through their usual wholesaler. Terms for direct supply are obtainable on application.

PRIZE-WINNING STAND.—Illustrated on this page is the stand of Mono Containers, Ltd., Cumberland Avenue, London,

N.W.10, at the annual Dairy Show, Royal Agricultural Hall, Islington, held last month. This stand was awarded the second prize gold medal *Farmer and Stock-breeder* trophy.

BATH CUBES.—A new product has been introduced by Aziadé, Ltd., 172 Buckingham Palace Road, London, S.W.1, which consists of giant milk and oatmeal bath cubes. Four of these cubes are wrapped in silver foil and transparent paper to form an attractive bar. The product is illustrated on this page. These bath cubes have a softening effect on the hardest water and are said to have a definite cosmetic value. The products lend themselves readily to display.—We have also received from Messrs. Aziadé specimens of a novel type of greetings card, which is printed in colour and is intended to carry one of the Aziadé compact flower perfumes. Supplies of the empty cards may be obtained on application at a nominal cost.



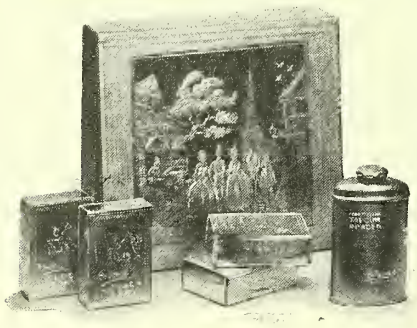
CHRISTMAS CASKETS.—Pond's Extract Co., Ltd., Perivale, Middlesex, announce that their stocks of the Christmas gift caskets are now exhausted owing to the heavy demand. A higher-priced article is, however, available containing Pond's vanishing cream and cold cream, Pond's powder, skin freshener and a supply of Pond's tissues.

PYNOVAPE.—Illustrated on this page is Pynovape inhalant for colds, catarrh, influenza and hay fever. This product is introduced by Astropine, Ltd., 5 Leonard Street, London, E.C.2, and is intended for use as an inhalant on a handkerchief.

ALKIA SALTRATES. — A special introductory offer of fourteen to the dozen is made for alkia saltrates now in tablet form ; 30 tablets packed in an attractively-designed tin. The bonus offer is available only until November 20. An order form is printed elsewhere in this issue. This product is supplied by the International Chemical Co., Ltd., Braydon Road, London, N.16.

PEX INDICATOR.—The Pex indicator has been introduced to provide a method of determining when milk has been appropriately treated. The Pex indicator consists of a glass tube and handle, the tip of which is red at ordinary temperatures and black at about 165° F. The advantage of this indicator is that milk is never overheated. Supplies are obtainable from Middlebriars, Godalming, Surrey.

CHRISTMAS PACK.—A. & F. Pears, Ltd., Isleworth, have introduced an attractive container in gold and red of four tablets of Pears Golden Glory with a tin of Pear Blossom talcum powder. This pack should commend itself favourably for display. Messrs. Pears are also offering free calendars for presentation to customers, illustrations of which appear in our advertisement pages. Chemists are invited to apply for free specimen calendar, price list and full details.



Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1937, p. 338.

(From "The Trade Marks Journal," September 29, 1937.)

"KALSTANDT" ; for medicinal calcium lactates (3). By J. Davies, Tottenham Lane, London, N.8. 579,422.

"NEGATOL" ; for medicinal chemicals (3). By Negatol Products, Ltd., 65 Jamaica Road, London, S.E.16. 579,563.

"MAZZOLADS" ; for fitted first aid boxes (11). By F. Gluckstein, 73 Avenue Road, London, N.W.8. 578,118. (Associated.)

"KINANÆST" ; for surgical instruments, etc. (11). By A. C. King, 34 Devonshire Street, London, W.1. 578,682.

"IMPROMPTU" ; for perfumes (48). By Parfums Lucien Lelong, Ltd., 27 Old Bond Street, London, W.1. 578,689.

(From "The Trade Marks Journal," October 6, 1937.)

"SERADIX" ; for agricultural chemicals, etc. (2). By May & Baker, Ltd., St. Paul's Churchyard, London, E.C.4. 578,496.

"STREPSAC" ; "STREPSIL" ; for veterinary chemicals, etc. (2); "LIVOSTAB" ; for medicinal chemicals (3). By Boots, Ltd., 37 Station Street, Nottingham. 579,524/693/578,216. (Associated.)

"RAYOLEX" ; for vitaminic preparations (3). By E. R. Squibb & Sons, 745 Fifth Avenue, New York, U.S.A. 576,220. (Associated.)

Monogram "J.B." ; for medicinal chemicals (3). By J. B. McCune, 209 Antrim Road, Belfast. 576,259.

Shield device with name "WAANING-TILLY" ; for all goods (3). By Gebrs. Waaning-Tilly, Doelstraat No. 13, Haarlem, Holland. 576,848.

Signature "E. RITSERT"; target with arrow in bullseye ; for all goods (3); for medicaments for treatment of stomatitis, etc. (3). By E. R. Ritsert, 33 Weserstrasse, Frankfurt-am-Main, Germany. 577,239/240.

"QUINOR" ; for medicated wine (3). By Bailly, Ltd., 24 Fitzroy Street, London, W.1. 578,403.

"KUBOL" ; for medicated preparations of magnesium sulphate, etc. (3). By D. Mawdsley & Co., Riga Street, Manchester. 578,073.

"VITAGELAX" ; for medicated laxatives (3). By Pharmax, Ltd., 6 St. Bride Street, London, E.C.4. 578,468.

"WINGED LION" ; for medicines (3). By Potter & Clarke, Ltd., Artillery Lane, London, E.1. 579,118. (Associated.)

"SALFEL" ; for medicated laxatives (3). By Armour & Co., Ltd., Armour House, St. Martin's-le-Grand, London, E.C.1. 579,369.

"FRACTIGEN" ; for medicinal chemicals (3). By Glaxo Laboratories, Ltd., Greenford Road, Greenford. 579,685.

"WOODWAY" ; for foot arch supports (11). By Perpedes-Fuss-Stutzen G.m.b.H., Kornbergstrasse, 52, Stuttgart, Germany. 576,118.

(From "The Trade Marks Journal," October 13, 1937)

"RETOCEE" ; for photographic chemicals, etc. (1). By N. V. C. F. L. Van der Grinten, 28 Hoogeweg, Venlo, Limburg, Holland. 579,159. (Associated.)

"KILDEW FINIMITE" ; for insecticides (2). By Kildew (Great Britain), Ltd., 36 King Street, London, E.C.2. 578,372.

Business Changes

MR. I. V. JONES, chemist and druggist, has taken over the business of the late Mr. T. Vernon Evans, 64 High Street, Ruislip, Middlesex.

MR. S. A. WELLS, chemist and druggist, has taken over the business of the late Mr. William Pattinson, chemist and druggist, Central Pharmacy, Hexham, Northumberland.

MR. ROBERT SMITH, chemist and druggist, is taking over the business of A. E. Farrow & Sons, Ltd., chemists, 320 Canterbury Street, Gillingham, Kent, as from November 8.

DAVIS & SOPER, LTD. (shippers and merchants), 54 St. Mary Axe, London, E.C.3, notify us of the retirement of Mr. Charles Cory Reed (a director) after sixty years. Mr. Reed's department will be put in charge of Mr. Norman Foster, and the vacancy on the Board will be filled by Mr. Arthur William Brice (secretary).

Births

Notices for insertion in this column must be properly authenticated.

JAMES.—On October 13, Joyce (*née* Adams), wife of Richard James, M.P.S., 254 Gloucester Road, Cheltenham, of a daughter.

Marriages

GREIG—HENDERSON.—At Banchory, recently, Richard Greig to Elizabeth Baillie Henderson, M.P.S.

SMITH—LIVESLEY.—At St. George's Church, Newmills, Derbyshire, on October 20, John A. Smith to Hilda, daughter of Mr. J. S. Livesley, M.P.S.

Deaths

BLACKWOOD.—On November 2, Mr. William Moore Blackwood, 22 Grey Road, Walton, Liverpool, joint managing director of R. Sumner & Co., Ltd., manufacturing chemists, 40 Hanover Street, Liverpool 1, aged fifty-one.

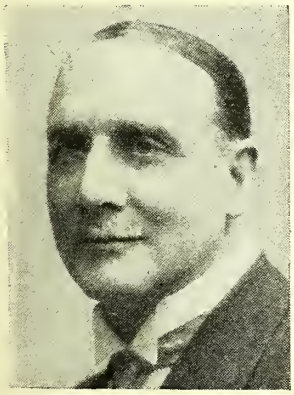
CADMAN.—On October 29, while motoring, Mr. Percy Cadman, M.P.S., for thirty years in business in Church Street, Sheringham, aged fifty-five.

GRAHAM.—At Girvan, Ayrshire, on November 1, Mr. Gilbert Graham, M.P.S., aged seventy-six. Mr. Graham commenced business in Church Square, Girvan, and later removed to 32 Dalrymple Street, where he built up an extensive connexion. He was an expert shot, an enthusiastic angler and a keen churchman. Mr. Graham is survived by a daughter.

HANDS.—In a nursing home at Bournemouth, on October 27, Mr. George Walter Hands, M.P.S., aged sixty. Mr. Hands was well known in Brighton, where for twenty-five years he managed a branch for Mr. Edgar Jones, Ph.C. He was a keen photographer, and won many prizes with architectural studies. An enthusiastic mountaineer, he had several narrow escapes on Scafell and in Snowdonia.

HILL.—At 94 Linden Road, Gloucester, on October 27, Emily Mary, wife of Mr. R. Barker Hill, M.P.S.

HINES.—In an Ipswich nursing home, on November 1, following an operation, Mr. Frank Gladstone Hines, M.P.S., a director of Grimwade, Ridley & Co. (Ipswich), Ltd., and a past-president of the Pharmaceutical Society of Great Britain, aged fifty-six. Mr. Hines was born and educated in Ipswich. He passed the Chemist and Druggist Qualifying examination in 1902, and after experience with a manufacturing firm commenced retail business on his own account. For several years he carried on a pharmacy at York, trading as Folkard & Co. He was first returned to the Council in 1917, and remained a member till 1935, when he decided not to seek re-election. During those years he took an active part in National Health Insurance administration in addition to his work as a councillor, and contested a parliamentary election. In 1930 Mr. Hines was elected vice-president of the Society; two years later he succeeded Mr. A. R. Melhuish as president, and about the same time became a director of Messrs. Grimwade, Ridley & Co. In the autumn of 1934 he took a leading part in opposing the Council's scheme, as it then stood, for building new headquarters in Brunswick Square, W.C.1; the matter was the subject of a lengthy discussion at the meeting of the Council in January 1935, when a resolution moved by him was defeated. Mr. Hines was a member of the management board of the East Suffolk and Ipswich Hospital. He is survived by a widow and a daughter. The tribute paid to him by the Council at its meeting on November 3 is recorded on p. 545 of this issue.



MR. F. G. HINES, M.P.S.

LAING.—On October 27, Mr. James Laing, M.P.S., Laurencekirk, aged eighty-three. Mr. Laing commenced business in Laurencekirk fifty-four years ago. He was largely responsible for the formation of Laurencekirk Tennis Club, of which for some time he was secretary, and was one of the original members of the Bowling Club. Mr. Laing was a member of the Scottish History Society and a keen philatelist. He is survived by Mrs. Laing and an only son, who is a doctor.

MORGAN.—On October 14, Mr. James Thomas Morgan, B.Sc., M.P.S., 35 High Street, Holywell. Mr. Morgan qualified as a chemist and druggist in 1914.

Personalities

MR. EWART WOOLLEY (Cupal, Ltd., manufacturing chemists) was successful in St. Silas' ward at Blackburn municipal elections on November 1.

MR. WILLIAM MASKEW, Ph.C., has been returned for the eighteenth time as a member of Hertford Town Council. His colleague in All Saints' ward is Dr. Evan Jones.

MR. ALBAN ATKIN, M.P.S., M.I.C.O., has been returned as a councillor for the Adelaide ward of the Borough of Hampstead, London, N.W., for the seventh triennial period.

MR. OSWALD L. CARRINGTON, chemist and druggist, Chipping Norton, has been selected as the next Mayor of the borough.

COUNCILLOR ERNEST CHARLES LAST, M.P.S., High Street, Watford, Mayor of the borough in 1935-36, has been returned unopposed for Cassiobury ward.

MR. H. HUMPHREYS JONES, F.I.C., Ph.C., principal of the Liverpool School of Pharmacy, is broadcasting on the Wales programme, on the evening of November 13, an introductory talk on the Liverpool Welsh Choral Union concert fixed for that evening.

MR. JOHN ROBERT STUBBS, M.Sc., F.I.C., who has been chief assistant county analyst for Lancashire since the war, has been appointed chief analyst to the county in succession to Dr. G. D. Elsdon, who has resigned to take up his new appointment as chief inspector of the Mersey and Irwell Joint Committee.

Coming Events

Tuesday, November 9

National Pharmaceutical Union, Plymouth and District Branch, Mikado Café, Drake's Circus, at 8.30 p.m. Meeting.

Pharmaceutical Society, 17 Bloomsbury Square, W.C.1, at 8.30 p.m. Evening meeting. Lantern lecture by Dr. T. A. Sprague on "Early Herbals."

Wednesday, November 10

Birmingham Pharmaceutical Association, Botanical Gardens, Edgbaston, at 8 p.m. Dance.

Wimbledon and District Pharmacists' Association and Branches. Visit to Selo Works, Warley.

Thursday, November 11

Manchester Pharmaceutical Association and District Branch of the Pharmaceutical Society, Victoria Hotel, Deansgate, at 8.30 p.m. Joint meeting. Address by Mr. A. Mortimer on "Law and the Pharmacist."

Pharmaceutical Society, Reading and District Branch, Great Western Hotel, Reading, at 8 p.m. Lecture by Dr. A. Crawford on "The Role of Minerals in Nutrition."

Friday, November 12

South-West London Chemists' Association, Balham Club, Ltd., Ramsden Road, S.W.12. Meeting.

WESTERN PHARMACISTS ASSOCIATION.—The annual dinner and dance will be held at the Trocadero Restaurant, Piccadilly Circus, W.1, on November 18, at 7 p.m. Reception 6.30 p.m. Tickets 12s. 6d. each.

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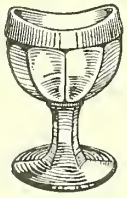

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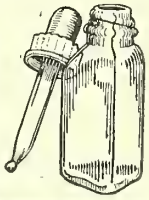

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"They shall grow not old, as we that are left grow old:
Age shall not weary them, nor the years condemn.
At the going down of the sun and in the morning
We will remember them."

By wearing Poppies on Remembrance Day we keep green the memory of those who died. Of those that are left, thousands to-day are sadly handicapped by age, sickness, and the strain of the War years. Their need is the personal responsibility of each one of us.
Please help the British Legion to deal adequately with the increasing need of ex-service men and their families by giving more than ever before for your Poppies on

POPPY DAY
Nov. 11

DONATIONS will be thankfully received. These should be sent to the oca. Poppy Day Committee: or to Captain W. G. Willcox, M.B.E., Organising Secretary, EARL HAIG'S BRITISH LEGION APPEAL FUND, 29, Cromwel. Road, London, S.W.7. Ladies willing to sell Popples are asked to communicate with their ocal Poppy Day Committees, or with the Headquarters of the fund. Their help will be of the greatest value.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

B/311. Benita products
M/291. Dr. Alfred Bernard's Effecton Tonic "M"
F/311. Celloplast
B/271. Diseptal
S/211. Epidural (veterinary anæsthetic)
D/111. Fluorapiate
C/301. Jackson's Roman meal
C/311. Lemo-Gin (Trinity (Labs.)
R/311. Meran ampoules

THE
CHEMIST AND DRUGGIST
VOL. CXXVII November 6, 1937 NO. 3013

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More Benefits

A BILL has been introduced by Sir Kingsley Wood, Minister of Health, in relation to the National Health Insurance (Juvenile Contributors and Young Persons). This Bill is intended to amend the National Health Insurance Act, 1936, so as to make certain persons under the age of sixteen eligible for medical benefit and to facilitate the provision of medical benefit to such persons. The purpose of this Bill is to provide medical benefit under the National Health Insurance Act for boys and girls who, after leaving school, become employed before reaching the age of sixteen. The Bill provides that any boy or girl who after reaching school-leaving age but before the age of sixteen becomes employed within the meaning of the National Health Insurance Act shall immediately become entitled as a "juvenile contributor" to medical benefit, as though he (or she) were an insured person, and that whether or not he remains continuously employed, he shall continue to be so entitled until the end of the half-year in which he attains the age of sixteen and a half, or until he becomes entitled to benefit as a fully insured person by reason of employment after the age of sixteen, whichever first occurs.

Thus has been introduced a Bill concerning National Health Insurance which has been anticipated for some time. Medical benefit, including the supply of medicines and the administration by insurance committees, will be charged on the same basis as before, namely, that a sum not exceeding 13s. per head per annum will be provided for all costs in relation to the administration of treatment. There are one or two points mentioned which have a special interest. It is estimated that the number of juvenile contributors at the outset of the scheme will be about a million. Further, that as a result of the increase in the number of children remaining at school until the age of fifteen after September, 1939, and the decrease in the number of births in the last fifteen years, the number of juvenile contributors will diminish so that by 1943 the number will not exceed three-quarters of a million. It is estimated that the cost to the Exchequer will be about £120,000 in the first year, declining to £90,000 per annum during the next five years.

This further advance in regard to the interest of the State in health welfare must be commended. In this respect, pharmacy as a trade can raise no objections, yet there must be very serious objections raised if it is intended that pharmacy should help to bear the brunt of providing medicine in accordance with doctors' orders and be quite helpless concerning limiting prescribing in relation to what the drug fund can afford. So far as those grandiose schemes are concerned (and it has to be remembered that politics enter into such matters), the pharmacist who provides the end-reaction, as it were, to the scheme is entitled to full pay for services rendered. This aspect of the case can no doubt be left to the National Pharmaceutical Union, who have next year to negotiate with the Ministry of Health in regard to Insurance Act terms.

Pharmacy's Next Bill

A SUBJECT which is likely to receive considerable attention during the present winter session concerns pharmacy's next Bill. It has to be assumed that there will be another Bill concerning pharmacy at some time. Yet it would be unwise to prophesy regarding its appearance in the near future. There is no reason, however, why the trade should not have an opportunity of voicing its views as to what is to be done with pharmacy officially. It is interesting on that account to find that the assistant secretary of the Pharmaceutical Society has addressed a meeting of chemists in Wales on this subject. Apparently, the three chief points to be considered in the future are the reservation of dispensing to pharmacists, the restriction of sale of B.P. and B.P.C. drugs to pharmacists, and limitation of pharmacies. While these three points are incomplete, they are sufficiently important and far-reaching to constitute a basis for careful consideration and discussion by chemists throughout the country.

The reservation of dispensing is undoubtedly a thorny problem, and even if this were gained to the trade, it is obvious that further sacrifices would be demanded. For example, Section 19 of the Pharmacy and Poisons Act, 1933, which continues the chemist's right of counter prescribing, would presumedly disappear in any future legislation if dispensing were to be reserved to chemists. This is only one of several problems which would immediately present themselves in the circumstances. An interesting suggestion put forward by Mr. Adams in his address was that doctors might employ qualified men to do their dispensing. This suggestion has the advantage of being a novel one, but it is hardly likely that the medical profession would as an act of grace engage dispensers at higher salaries than they need. Apothecaries' assistants are usually employed by dispensing doctors, and the rate of payment made seldom approaches that made to qualified chemists, even when minimum salaries are considered.

With regard to the restriction of official and officinal drugs to chemists, there can be no doubt as to the desirability of such limitations, but there are insufficient chemists' shops throughout the country to warrant so drastic a curtailment, especially in these days when packed drugs can be purchased at practically every type of shop. It is also to be recalled that chemists themselves have been largely responsible for encouraging other shopkeepers to sell packed goods, since they were prompt to take advantage of no inconsiderable

trade by supplying stocks at wholesale rates. A further point is that proprietary medicines form so important a section of the distributive trades that there would undoubtedly be strong opposition from this section of the community were the sale of proprietary drugs limited to chemists.

Restriction of pharmacies, as Mr. Adams pointed out, is likely to meet with considerable opposition from chemists themselves. If chemists, however, were permitted to open branch shops where drugs only were supplied, such distributing centres could probably be carried on on a remunerative basis. It is understood that the official view is that a pharmacist may not conduct a branch as a drug store. This is a question which has yet to be decided, but it seems incongruous that multiple stores should be permitted to open a chemist's department where prescriptions may be dispensed and a poisons department where horticultural and other commercial poisons can be handled by listed sellers.

One point which Mr. Adams apparently did not deal with was a definition of what exactly is the position of the pharmacist in the trading community. Until a pharmacist knows exactly what his position is, it seems futile to consider whether or not dispensing should be restricted to him, with the sale of medicines, or whether pharmacies as a class of shops should be restricted.

New Crop Lemon Oil

A good deal of interest is now being shown in the development of the shipment market for Sicilian lemon oil, the main crop of which will be available for despatch early next year. During the past two or three weeks some exceedingly cheap quotations were put on this market, but these have now been withdrawn. As the main crop of fruit is still on the trees these quotations were assumed to be of a speculative character and it was noted that the shippers of most of the branded oils were not quoting at these low figures. This week the source reports a sharp advance in the primary market and most quotations are now well up to 10s. to 10s. 6d. per lb., c.i.f. The following unofficial estimate of the position at the source may be of interest.

	Kilog.
Carry-over at December 1, 1936 ...	178,000
Crop: December 1936–September 1937	180,000
	358,000
Shipments: January–September 1937	267,000
	91,000
,, Oct.–Nov. 1937 (estimated)	30,000
Carry-over, December 1, 1937 ...	61,000

The highest estimate of the coming crop of oil based on the fruit on the trees is 270,000 kilog., which is 50 per cent. in excess of last season's output. If this figure is accepted, the quantity of oil that will be available is 331,000 kilog., some 27,000 kilog. less than a year ago. The crop estimate is, of course, a matter of conjecture as so much depends on the demand for boxed fruit. But even if supplies are not quite so plentiful as usual in the coming season it is hardly likely that prices will advance much above their present level, for, as in other products of this nature, the sales price is largely dominated by the demand or lack of it. Opinion has been expressed that consumption of good quality lemon oil has of recent years been on the decline. It is not suggested that lemon flavour has lost any of its popularity, but it is thought that a substantial body of consumers, particularly those producing the cheaper grades of boiled sweets and the lower grades of flavoured foodstuffs, have found the various cheap substitutes such as, for instance, an essence made of French Guinea orange oil, "topped up" with citral, satisfactory for their purposes. While there will always be a demand for good quality oil it seems that unduly high prices will only be a further incentive to an increasing body of consumers to endeavour to meet the position by using the cheaper substitutes.

Zanzibar Clove Monopoly

It is evident from the speech made by the Acting British Resident to the Island's Legislative Council on September 30 last, the text of which, together with a copy of a communication from the Secretary of the Protectorate's Government addressed to the Indian National Association of Zanzibar, has recently reached London, that the constitution of the controlling body of the Clove Marketing Scheme has created bitter feeling amongst the Indian national merchants of Zanzibar. The Indian merchants were not given representation on the Board of Management, and, in consequence, they have adopted a campaign of non-co-operation. It is a matter for regret that this dispute has arisen at a time when the Protectorate's chief industry is being organised on an entirely new basis, and even more so that the omission to provide recognition of the Indian merchanting interests is being misconstrued as racial discrimination. The denial which has been given to this misconception appears to us to be unnecessary; the trouble has been caused by a clash of conflicting business interests and nothing more. The Indian merchants, through years of trading in this commodity, have, they claim, established a position in the industry which should be officially recognised. The Marketing Scheme, according to the speech of His Excellency, was introduced to safeguard the essential requirements of the industry and "to protect it against the abuses from which it has suffered in the past through speculation by traders and exporters. . . ." Whether the speculation referred to was retricted to Indian merchants may be very questionable and such sweeping statements are not helpful in finding a solution to the deadlock. The Clove Growers' Association is, of course, entitled to take what action it deems necessary to protect its members' interests and, in this matter, the Association is supported by the Legislative Council. The Indian merchanting interests are not precluded from purchasing and exporting cloves on exactly the same terms as anyone else, and it is to be hoped that, in their own interests and that of the Island generally, they will, upon reflection, accept the conditions.

Population Statistics

On October 28 a Bill for the purpose of providing the Government with further information regarding births, marriages and deaths in Great Britain was introduced in the House of Commons by the Minister of Health, the Secretary of State for Scotland, and Mr. Bernays. The Bill is of the familiar type which comes into force by Order in Council and confers on certain public men authority to make regulations. While refusal or neglect to furnish any information demanded is to be a punishable offence, such information is in the first instance to be regarded as confidential, and will presumably be only disclosed in the form of collated and diffused statistics. If the regulations to be made under the Bill when it becomes an Act include provision for the more accurate recording of deaths by poisoning, they will in that respect be welcomed by pharmacists. We need not recapitulate the survey of this subject that we gave ten years ago (*C. & D.*, 1927, II, 544). We may remind our readers, however, that the first annual report of the Registrar-General for England and Wales covered the period July 1837—June 1838. We regret to have to add that the method of keeping the records of fatal poisonings in this department shows no marked improvement a century later, except perhaps in the mere counting of the number of cases. As we have remarked on more than one occasion, the names of the actual poisons concerned might be given with more precision, and the form in which the returns are presented leaves much to be desired. This is a long-standing grievance affecting medicine and pharmacy alike; and we trust that we are not again calling attention to it in vain.

Planning for Increased Display Space

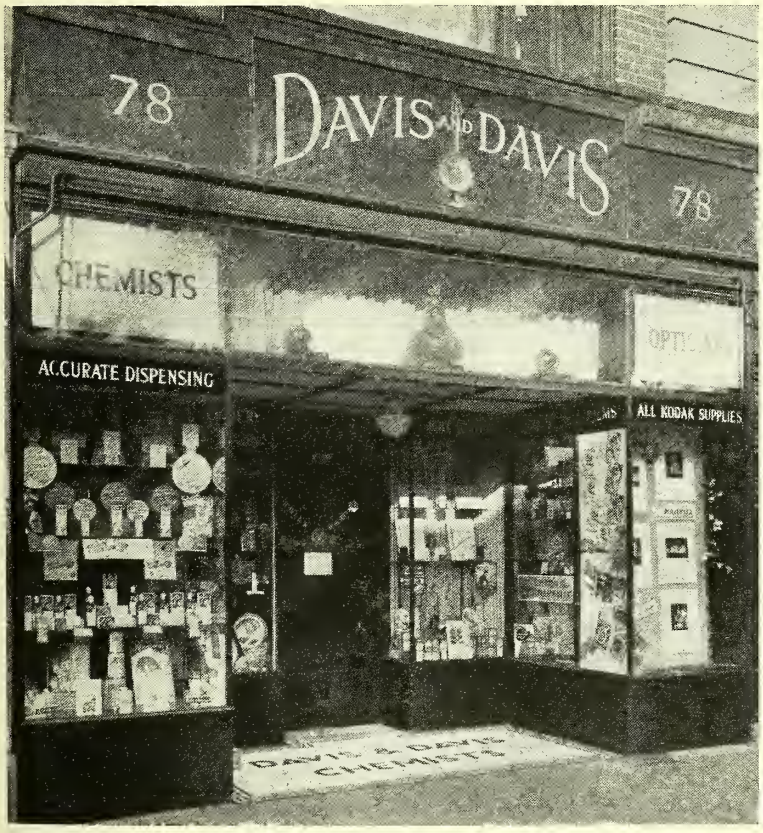
What to aim for and what to avoid in window and lobby lay-out

THE increasing importance of window display to the pharmacist and the growth of auxiliary departments, such as cine-photography and perfumery, make it necessary to give closer attention to the window plan, as distinct from the design of its elevation. There are, however, many factors to be considered in connexion with the lay-out of shop windows besides the provision of maximum display space.

One consideration of prime importance—often neglected—is easy accessibility of all parts of the window from within. There should be no necessity, except where it is impossible to simplify awkwardly-shaped sites, for contortions and straining at arm's length to reach a front corner, nor should space at the back of return windows be so shallow that an assistant of normal size cannot dismantle and replace a complete display without physical discomfort. A second point is that there should be scope for divided or departmentalised windows without a "bitty" effect resulting. The aim should be clearly to group together similar or associated articles, while preserving an element of continuity characteristic of business.

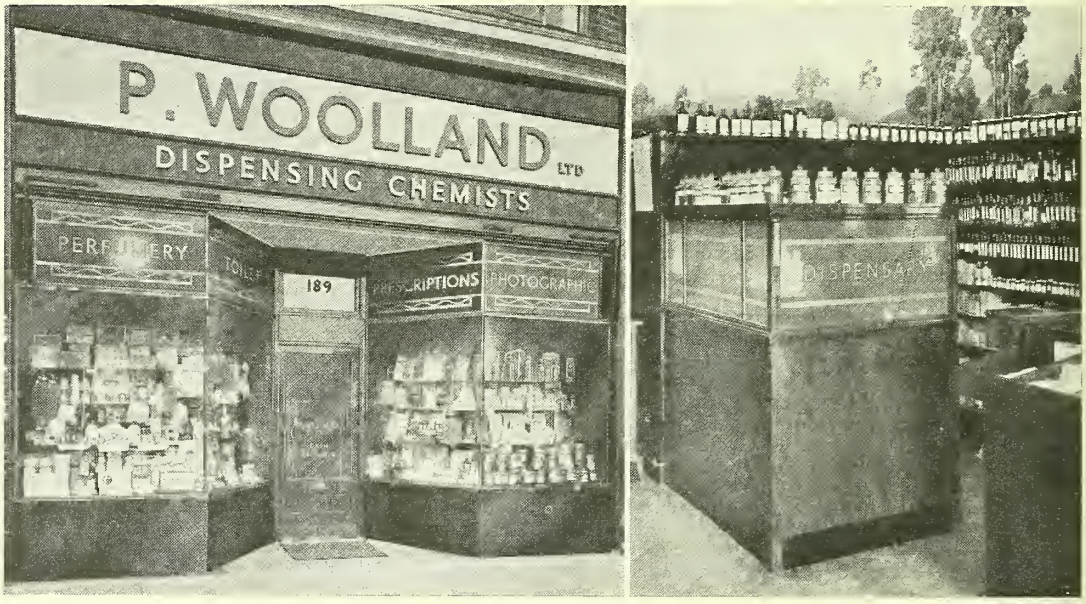
By "stepping" the windows in plan, it is sometimes possible to acquire sufficient display space to enable three different departments to be represented on either side, but there is a limit to which this method can be adopted with advantage. If the space available is shallow as well as narrow it will probably be better to avoid the repetition of angles which this kind of plan produces, and to have one straight window on either side splayed slightly inwards towards the door. In general, island windows and deep lobbies are to be avoided. The passage-like effect produced by either of these is less satisfactory than a broad and relatively shallow lobby. Some chemists who have tried one or both have discovered to their cost that what is sound practice for the fashion trade (which plans its fronts to encourage leisurely inspection of models in the windows) may prove purposeless and unprofitable in pharmacy, which must rely upon a brisk, straightforward appeal. The advantages of a "stepped" window plan, and of a lobby wide and deep enough to permit temporary parking of prams without obstructing other shoppers, are well demonstrated in the shopfront of Davis & Davis, New Malden, Surrey, designed and executed by Philip Josephs & Sons, Ltd. The four portions of the window which run parallel with the pavement are 2 ft. deep and the return portions (facing inwards to the lobby) are 1 ft. 6 ins. deep. The lobby has a ceiling of white opaque glass at transom level, above which three carboys behind clear glass are backed by a neutral-toned curtain. The side portions of the over-transom have panels of acid-embossed glass carrying gilded letters. A noteworthy point is the effective concealment of the light sources, and of the reflectors, which not infrequently detract from the appearance of shopfronts by obtruding themselves above the transom.

Incorporation of a carboy design with the curved lettering on the facia is a sound and unusual method of ensuring the permanent association of the name with pharmacy, and this is reinforced by the employment of the same design on the firm's letter-heading. The facia is of black painted glass, upon which letters, figures and carboy design are left clear and backed respectively with white or red opaque glass. The interior of the pharmacy was extended by the conversion of a former storeroom into a dispensary. An existing dispensing screen was removed and rebuilt to fit the stockroom entrance and, above shallow stock cases, service hatches with hinged glass doors added, through which prescriptions are passed. The door frame is surmounted by the original carved pediment.



Shopfront and Dispensary at New Malden, Surrey

The alterations were carried out by the fitters of the shop-front, by whom the original installation was prepared forty years ago. The dispensary is flanked on one side by a staircase leading to the floor above, and on the other by a cine-photographic department with suitable space for projection.



Shopfront and Dispensary at Edgware, Middlesex

A Pharmacy at Edgware

The second illustration shows a compactly-designed front—that of P. Woolland, Ltd., 189 Station Road, Edgware. The splayed windows permit a wide entrance and give a value to the window display space which would not be possessed by smaller, perpendicularly placed return windows. The frames are of bronze metal, with wide black toughened plate-glass stallrisers, while the facia consists of two bands of this material and a wider centre panel in green with applied lettering cellulosed red. Folding blind arms are concealed in vertical apertures over the transome. The window enclosures are mahogany-veneered and fitted with plate-glass shelves supported on bronzed standard bars and brackets. Light reflectors are concealed by obscured glass panels bearing acid-embossed designs. All interior fittings are in straight-grain mahogany. On left- and right-hand walls are fixtures equipped with shelves and drawers. Both fixtures have a central enclosed case equipped with glass shelves and standard bars and brackets, and are labelled respectively "Perfumery" and "Dispensing." The long service counter has open bins in front, and shelves have been fitted at the back. At the end of the counter is a compact dispensing department screened off from the service departments. An unusual effect is given by the decorative landscape frieze which surrounds the walls. The work was carried out by Shopfront & Equipment Manufacturers, Ltd.

Interior of Woolland's Pharmacy

Pharmaceutical Society of Great Britain

Council Meeting

THERE was a long and animated discussion on a motion by Mr. L. Moreton Parry at the November meeting of the Council, held at 16 Bloomsbury Square, London, W.C.1, on November 3, the president (Mr. Thomas Marns) in the chair.

TUESDAY'S PROCEEDINGS

Among the business transacted by the Council at their meeting on November 2 were the following items:—

The Council received a report from the secretary of his interview with an officer of the Ministry of Health on the national fitness campaign, and agreed that there were means whereby pharmacists might usefully link up with the campaign.

A letter was received from the Dartford and District Branch of the Society concerning National Health Insurance terms of service, and urging in particular that no terms should in future be considered which do not provide for the payment of chemists' accounts in full.

A letter was received from the Southport Pharmacists' Association expressing disapproval of the omission of a reference to pharmacy from the opening propaganda of the national fitness campaign.

The president reported on the conference between representatives of the National Pharmaceutical Union and the Council of the Society held recently. The conference had discussed the respective spheres of action of the two bodies, and had agreed to recommend to the Executive and the Council that the president, vice-president, treasurer and secretary of the Society, with the chairman, vice-chairman and secretary of the Union should be a standing committee to consider any matters appearing to fall within the province of both bodies. This committee would take no independent action but would report to the Council and the Executive. The recommendation was adopted.

The Council considered a report on the inspection of the labelling of 1,300 proprietary medicines containing poisons. The inspection had disclosed that some 700 were not in accordance with the requirements of the Poisons Rules. The following were the relative frequencies of the different types of errors:—

Names of poisons not complying with the Rules	68
Omission of contractions such as "w/v"	31
The word "Poison" or other words not appearing on the label or the wrong word or words used	31
No frame used or words not required by the Act or Rules appearing within the frame	29
Wrong use of, or omission of, the words "Not to be taken" or "For external use only"	9
A fluted bottle not used	5

The inspection had brought to light a number of anomalies and difficulties encountered in the application of the Poisons Rules, and the report contained suggestions for amendments of the Rules to meet these.

MR. A. R. MELHUISH drew attention to the fact that a number of medical practitioners still considered that they were entitled to telephone prescriptions for substances coming within the Fourth Schedule for delivery direct to patients. He urged that consideration should be given to the regularising of this practice. The report was referred to the Council's Advisory Committee on Poisons, and members were invited to submit for consideration by that Committee any other difficulties which they had encountered in the application of the Rules.

PERSONALIA

At the outset of the meeting on November 3 THE PRESIDENT intimated that the treasurer was confined to bed with lumbago, and in expressing regret that Mr. Neathercoat's absence suggested that a letter should be sent wishing him a quick recovery. The Council adopted the suggestion.

When Mr. Rowsell entered the Council chamber he was greeted with cheers, and THE PRESIDENT congratulated him on his recent marriage.

DEATHS

THE PRESIDENT made sympathetic reference to the deaths of Mr. F. G. Hines and Mr. E. S. Waring. Mr. Hines, he said, was a past-president of the Society, and those who served on the Council with him would remember the seriousness with which he took his work. He (the president) understood that the funeral was to be held next day, and though it was to be private he hoped the Council would be represented.

THE PRESIDENT also paid a tribute to Mr. Waring, and MR. ROWSELL recalled his association with Mr. Waring during the last twenty-five years, mentioning particularly the work he had done in bringing closer together the various branches of pharmacy.

The members of the Council showed their sympathy and respect by standing in silence, and a formal resolution regarding Mr. Hines was adopted.

N.H.I. DISPENSING TERMS

THE PRESIDENT introduced a resumed discussion on the motion in the name of Mr. Parry which was discussed at the last meeting:—"That the Council appoint a committee to consider any matters which may concern members of the Society in the forthcoming revision of the contract under the National Health Insurance Act."

After recapitulating what had taken place at the last meeting and explaining that he had had to rely on information given in the pharmaceutical Press, THE PRESIDENT announced that a meeting had taken place between representatives of the Society and the National Pharmaceutical Union, and the latter body had been assured that they could rely on the help of the Society in any negotiations with a view to getting better terms from the Ministry of Health. His view was that the Union, which had been charged with a particular job of work, should be allowed to go on with it as they had done in the seventeen years since the organisation was set up. The Society should not make things difficult by barging in at this juncture, and he added that the offer of help which had been made was obviously greatly appreciated by the N.P.U. He thought that the committee which Mr. Parry had in mind had been formed by the setting up of a committee by each of the organisations involved in the matter. They could be called together whenever the need arose.

MR. PARRY said he was not satisfied with such an arrangement, and wanted to stage something vital to get pharmacy out of the morass into which it had sunk. The N.P.U. had done excellent work during the past seventeen years, and had been fighting to get adequate recognition for pharmacy, but had not succeeded. Their influence and prestige were limited, and he wanted to bring the influence and prestige of the Council to bear. He still wanted the special committee for which he had asked to be set up, and he believed the Council would do it. His post bag showed the extent of the interest there was in the matter throughout the country.

MR. WALLIS expressed the view that a committee on the lines suggested by Mr. Parry would be invaluable.

MR. HIRST said that after a month's consideration he wished to support the proposal put forward by Mr. Parry.

MR. YEOMANS also supported the motion, and emphasised that the Council was the only body which was truly representative.

The VICE-PRESIDENT said they were all agreed that as pharmacists and members of the N.P.U. they were all one body. The story of the last seventeen years made it clear that the one thing put in charge of the N.P.U. was the question of arranging terms for pharmaceutical work. He thought the right way of approaching the problem before them was to help the N.P.U. in the discharge of their duties. The offer of service to the N.P.U. in their negotiations by the Society should commend itself to Mr. Parry.

MR. MCNEAL said he felt that the committee already set up by the Council could carry out the work which Mr. Parry proposed should be done by a special committee. He paid a tribute to the work which had been done by the N.P.U., and said that he could not see that the committee suggested by Mr. Parry could be better than the joint committee of the Society and the N.P.U. which the president had announced was now in being. The Council should go to the N.P.U. and assure them that the influence and prestige of the Society were at their service in any dealings they had with the Ministry of Health.

THE SECRETARY said the important point was as to the best way of dealing with the problems arising under the Insurance Act. He asked (1) whether there was any reason why the Council should not send a letter to the N.P.U. telling them that the whole of the Society's resources were at their disposal in any matters in connexion with the Insurance Act; and (2) the very subject which was being discussed by the Council was one which might be considered by the committee which had been set up. He suggested that the committee should be called together and discuss how best the two bodies could act and also the relationship of the two bodies on N.H.I. matters.

MR. DEACON said it would be most unfortunate for the Council to divide on a subject regarding which they wished to achieve the same thing.

MR. YOUNG suggested that the addition of other members to the committee which had so far represented the Council might be useful, and this was supported by MR WELLS.

MR. PARRY, replying to the discussion, said he thought every member of the Council agreed that they were facing the most critical period in the history of pharmacy so far as National Health Insurance was concerned. He had been associated with the work ever since 1910. when Mr. Lloyd George first drafted a very nebulous Bill in which pharmacists were not included at all. He remembered that the Council were very slow to move in the matter, and he was one of those who helped to ginger them up. Pharmacists had to accept conditions of service which no other body would have accepted, and they were treated in a way in which he had never known any other body treated. Pharmacists were actually told that National Health dispensing would bring customers to their shops. To-day, however, conditions were different, for they had proved themselves; and the insured people of this country, the Ministry of Health and every other responsible department were agreed that they were providing a very valuable service which was appreciated. His contact with the Ministry of Health from the start had convinced him that they were always prepared to do what they considered to be the right thing. The Society had a legal right to be considered and a vested interest of great value in the country. He had been a very loyal supporter of the N.P.U. in all its actions, and anything he said was not to attack the Union but to assist them. It had never been his intention to take away any of the work which the Union was doing, but he was not satisfied with the present committee acting for the Society, for he did not feel that they would carry out the drastic action which might have to be taken in order to assert the rights of pharmacists. He suggested that if they were going to organise a campaign it must be done by the right men. He was not sure the present committee would have the cutting edge which was required at the present time, but if the Council would strengthen it he would be happy to bring himself to their point of view. Could he have the assurance that the committee would be strengthened?

THE PRESIDENT said the committee had agreed with the N.P.U. regarding the *personnel* of the committee, and he did not think they could add to the committee without further consultation with the Union.

THE SECRETARY said if the Council were going to use the machinery already set up they would be confined to representation by the existing committee; but if they wanted to create new machinery they could ask the Union to set up an *ad hoc* committee for that particular purpose.

MR. PARRY asked again for an assurance that the committee, which at present consisted only of officers, would be strengthened. With all respect they were not the people he wanted to do this work, and though they were all friends of his he must speak plainly. With regard to a suggestion that the Union might refuse to accept a proposal from the Society, he was quite prepared to deal with the Union either within the Council meeting or outside.

SIR HUMPHRY ROLLESTON suggested that the difficulty might be overcome by the co-option of other members of the Council on the committee before going back to the Union.

After further discussion, a resolution that the N.P.U. be invited to appoint a committee jointly with the Society to consider matters affecting pharmacists in connexion with the National Health Insurance Act and the future relationship of the two bodies in the matter was proposed by MR. PARRY.

MR. ROWSELL seconded it, but MR. PARRY caused amusement by saying he would prefer that some other member should second the resolution, and his suggestion was adopted.

Fourteen members voted in favour of the motion, which was then declared carried.

THE PRESIDENT said the next business would be to approach the Union on the matter, and MR. PARRY asked for an assurance that the Council might be told at the next meeting that the N.P.U. were "getting a move on."

THE PRESIDENT said he could not give an assurance, but would see that there was as little delay as possible.

REGISTRATION ITEMS

Ten persons were elected student-associates. Four persons were restored to the Registers of Pharmaceutical Chemists and Chemists and Druggists, and the registrar reported that thirteen persons had been restored to the Register. The removal from the Register of the names of two persons who had not paid the retention fee was authorised. The registrar reported that 103 persons had been registered as apprentices or students.

CORRESPONDENCE

MRS. J. E. Kipps, it was stated, had presented the Council with a mortar bearing the initials "T.M." and the date 1722, and it was on view in the Council chamber.

MR. PECK said the mortar was of considerable value. He hoped that the example would be followed, so that in the new building there might be a niche for pharmaceutical antiques. His suggestion that a letter of thanks should be sent to the donor was adopted.

DEAN OF THE COLLEGE

The Establishment Committee recommended that Mr. H. Berry, Reader in Pharmaceutics and Vice-Dean of the College, be appointed Dean.

EDUCATION COMMITTEE

The report of the Education Committee, presented by MR. ROWSELL, showed, among other items, that the provisional estimates for education for 1938 had been agreed to; that consideration of the annual report of the Board of Examiners for England and Wales for 1937 had been deferred; and that seven applications for concessions in respect of the examination regulations had been considered, five of which were granted.

BENEVOLENT FUND COMMITTEE

The report of this committee showed that eleven applications had been received, and amounts ranging from £6 10s. to £39 either made or were now recommended. The committee recommended that an election of eight annuitants on the fund take place on December 1 at 3 p.m., and that there be no contest.

MR. ANTCLIFFE, in submitting the list of special contributions, said it was very gratifying and included a donation of £10 from Mr. J. W. Shepherd (Settle) to commemorate his sixty years' membership, and another £100 from A. Wander, Ltd. (Queen's Gate), making £1,400 now received from the last-named donors.

WAR AUXILIARY BENEVOLENT FUND

The report of the committee showed that five applications had been received, and grants made or now recommended ranged from £13 to £26.

FINANCE COMMITTEE

The financial statement showed that receipts since the last meeting, including a balance of £46 19s. 10d., amounted to £8,440 1s. 6d., comprising the following items:—Members' fees, £218 13s. 3d.; premises fees, £157 10s.; subscriptions, £8 18s. 6d.; College—School of Pharmacy, £929 9s. 3d.; College—Pharmacological Laboratories, £424 7s. 2d.; College—grant from London University, £162 10s.; registration fees, £275 2s.; restoration fees, £36 4s. 6d;. examination fees, £18 8s.; law penalties and expenses, £164 19s. 5d.; interest on deposit, £102 16s. 10s.; rentals, £306 5s.; "Pharmaceutical Journal," £2,164 0s. 8d.; Pharmaceutical Press, £742 12s. 2d.; F.S.S.U—contributions, £38 14s. 5d.; S.S.S.S.—refunds, £20 12s. 8d.; telephone—refunds, £2 0s. 10d.; loan account—refund, £218 15s.; loan from premises fund, £800; transferred from deposit account, £1,600; sundries, 12s. Payments ordered at the last meeting amounted to £8,402 1s. 3d., leaving a balance of £38 0s. 3d. The amount on deposit account was

£37,250. The balances on the other accounts were:—Benevolent Fund (current account), £9 11s. 6d. (amount on deposit account, £350); Benevolent Fund (donation account), £34 11s. 3d. (amount on deposit account, £100); War Auxiliary Benevolent Fund, adverse balance, £143 3s. 6d. (amount on deposit account, *nil*); Orphan Fund, £6 1s. 9d. (amount on deposit account, £250). Accounts amounting to £8,768 2s. were passed for payment, and the action of the secretary in making payments amounting to £2,148 3s. 2d. was approved.

Law Committee

The report of this committee, presented by Mr. Jack, showed that in England, Scotland and Wales 1,151 chemists' shops, 227 listed sellers and 109 drug-store proprietors, grocers and similar traders had been visited by the Society's inspectors during the past month. It also showed that 274 drug stores and other premises had been visited by the Society's agents during the past month.

Items in Parliament

Population (Statistics) Bill

A Bill "to make further provision for obtaining statistical information with respect to the population of Great Britain; and for purposes connected therewith" was introduced in the House of Commons on October 28 by Sir Kingsley Wood, Mr. Walter Elliot and Mr. Bernays. The Bill is obtainable (price 2d.) at H.M. Stationery Office.

Factory Inspectorate

Mr. Short asked the Home Secretary how many additional factory inspectors had been appointed since July 31, 1937, and the number of inspectors to date?

Mr. Lloyd: The authorised strength of the inspectorate is at present 270. It has not been increased since last July, but it is hoped to appoint shortly some additional candidates from the last competition. As previously announced, a considerable increase in the inspectorate will be necessary with a view to the enforcement of the new Factories Act, and the steps to be taken for this purpose are now under consideration.

Medicine-stamp Duties

Sir N. Grattan-Doyle asked the Chancellor of the Exchequer whether it was intended this Session to introduce legislation amending the law relating to the medicine-stamp duties.

Sir J. Simon: I would refer my hon. Friend to the statement made on this matter in the last budget speech. As my right hon. Friend the Prime Minister then indicated, a good many representations from various quarters were received following the publication of the report of the Select Committee on the Medicine Stamp Duties, and the recommendations of the Committee are being examined in the light of those representations.

Industrial Production

Mr. H. G. Williams asked the President of the Board of Trade the index number of industrial production for the first six months of 1937 and what change this showed compared with the same periods of 1936 and 1929, respectively?

The President of the Board of Trade (Mr. Oliver Stanley): The index number of industrial production for the first six months of 1937 was 133.2, an increase of about 8 per cent. as compared with the same period of 1936. Owing to changes in the scope of the index a precise comparison with 1929 is not possible, but there would appear to have been an increase of between 20 and 25 per cent.

Sale of food and drugs.—Extracts from the annual report of the Ministry of Health for 1936-37 and an abstract of reports of public analysts for the year 1936 have been issued by H.M. Stationery Office (price 4d.).

U.S.A. Army Medical Corps vacancies.—The U.S.A. War Department announces an examination to qualify American pharmacists, between the ages of twenty-one and thirty-two, as second-lieutenants, to fill ten existing vacancies. Candidates will be examined in the practice of pharmacy, pharmaceutical chemistry, pharmacognosy, pharmacology, bacteriology, hygiene and sanitation.

"C. & D." Retail Price List

The index figure for drugs and chemicals in October remained unchanged at 154.0, against 147.9 in October 1936. The surgical dressings index figure also remained stationary at 138.5, compared with 136.7 in October 1936. Several price changes have occurred, and these are set out, but the turnover on these drugs is too small to affect the general index figures.

Cost		Drugs and Chemicals	Selling Price			
d.	per		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
15	oz.	Acid. pyrogallicum sublim. ..	—	—	2 3	0 4
15	oz.	Acid. pyrogallicum cryst. ..	—	—	2 3	0 4
36	lb.	Anthemidis flores exot... ..	4 6	1 4	0 5	0 1
38	lb.	Anthemidis florum exot. pulv. ..	—	1 5	0 5	0 1
32	lb.	Anthemidis flores exot. sec. ..	4 0	1 2	0 4	—
36	lb.	Arnicæ rhizoma	—	1 4	0 5	—
48	lb.	Arnicæ rhizomæ pulvis.. ..	—	—	0 6	0 1
48	lb.	Camphoræ synthet. pulv. ..	—	1 9	0 6	0 1
72	lb.	Elixir ephedrin...	—	2 8	0 9	—
30	gr.	Gelseminæ hydrochlor. S.I.(4)	per	gr.	4 5	—
54	lb.	Inf. rhei. conc.	—	2 0	0 7	0 1
27	oz.	Menthol	—	—	4 0	0 7
6	oz.	Ol. cajuputi	—	—	0 11	0 2
8	oz.	Ol. juniperi bacc. exot... ..	—	—	1 2	0 2
22	oz.	Ol. limonis	—	—	3 3	0 6
20	oz.	Ol. limonis (Messina)	—	—	2 10	0 5
75	lb.	Ol. rosmarini exot.	—	2 8	0 9	0 2
21	oz.	Podophylli resina	—	—	3 1	0 6
144	lb.	Sodii tungstas pur.	—	—	1 5	0 3
72	lb.	Styrax præparatus	—	2 7	0 9	0 2
108	lb.	Terebinth. Canad.	—	3 11	1 1	—
105	lb.	Tr. podophylli	—	3 9	1 0	0 2
93	lb.	Tr. podophylli ammoniata ..	—	3 3	0 11	0 2
18	oz.	Urethanum .. R only	—	—	2 8	0 5

Lime and the Skin

Investigations into the effects of lime on the skin have been carried out during recent years by G. C. Pether, who gives an account of his findings in "The British Medical Journal" (4005, 702). The patients on whom the inquiry was conducted were workers from limestone quarries who are constantly exposed to lime dust. This penetrates their clothing, becoming mechanically and chemically irritating. The action of the lime varies in different patients, but the most common lesions are hardening and thickening of the skin, formation of fissures and small superficial ulcers, and more definite burns.

Remedies of a fatty nature, such as tallow, lanolin and olive oil have been tried for these conditions in the past, but it is found that these merely cause lime to adhere more readily, and that they check normal perspiration. This results in the formation of small drops of sweat, which are liable to cause sudden reaction with the lime. The most successful treatment has been found to be frequent application of talc from sifter tins, and the following is believed to be an explanation of the effect of the talc. Its cooling property tends to reduce skin temperature, and hence perspiration; any moisture on the skin is absorbed by the talc, minimising the reaction with the lime, and the paste so formed, when dry, limits contact of further lime with the skin. The rate of interaction is thus reduced, the heat only gradually formed, and burning does not occur.

Crystalline vitamin B_1.—A report of the Council on Pharmacy and Chemistry of the American Medical Association announces that as pure Vitamin B_1 has become available commercially in the form of a crystalline hydrochloride, it has been decided to name the substance thiamin chloride. A proviso is made that if the International Committee in 1938 adopt another suitable name the Council will feel free to agree to that name with thiamin chloride as a synonym.

Leicester School of Pharmacy

In celebration of the jubilee of pharmaceutical education in Leicester, the annual prize distribution of the School of Pharmacy at the Leicester College of Technology took place on October 26. It was a joint meeting with the Leicester and Leicestershire Branch of the Pharmaceutical Society, and Miss M. Perkins, Ph.C. (president) was in the chair. Among those present were Dr. E. K. Macdonald, medical officer of health for the city, who distributed the prizes and gave the address, Councillor C. Robert Keene, Mr. W. Oram (chairman of the College Committee), Mr. I. W. Kershaw and Mr. K. Holmes (Principals of the Colleges of Technology and Art), Dr. E. W. Goodwin, Dr. R. Sevestre, Dr. E. C. Hadley, Mr. T. J. Cox (Boots, Ltd.), Mr. H. M. Bream (A. de St. Dalmas & Co., Ltd.), Mr. F. J. Young, Mr. A. Wand, Mr. F. Purse, Mr. F. M. Drewery (registrar of the College), and Mr. A. R. G. Chamings (head of the School of Pharmacy).

After opening the meeting with an expression of thanks to Dr. Macdonald for his presence on this occasion, Miss Perkins called on the Principal of the College—Mr. L. W. Kershaw—to give his report.

Prizes were presented to the following successful students:—

Preliminary Scientific and Inter. B.Pharm. Course.—1st Prize, value £1, also chemistry and physics prizes, value 10s. each—Joan A. Brooks; 2nd Prize, value 10s., also biology prize, value 10s.—Alice E. Bell.

Pharmaceutical Chemist and B.Pharm. Course.—Prize, value £1, also certificates of honour in pharmacognosy, pharmaceutics, pharmaceutical chemistry and physiology.—Ronald H. Hanson.

Chemist and Druggist Course, Prizes presented by A. de St. Dalmas & Co., Ltd.—1st Prize, value £2 2s., also certificates of honour in pharmacognosy and theory pharmacy—Stanley W. Hows; 2nd Prize, value £1 1s., also certificate of honour in physiology—Albert W. Haddon.

Certificates of honour.—Practical pharmacy—Raymond W. Collinson; forensic pharmacy—Marjorie Kay; pharmaceutical chemistry—Douglas A. Todd.

Post-Preliminary Scientific Prize.—Prize presented by E. H. Butler & Son, Ltd., value £1—Kenneth L. Exley.

Prize presented by the Pharmaceutical Society of Great Britain.—B.P. Codex—Stanley W. Hows.

Prize presented by the Advisory Committee of the School of Pharmacy.—Prize value £2 2s.—William V. Hart.

Principal's Report

In presenting the nineteenth annual report, Mr. Kershaw pointed out that the association of pharmaceutical education with the School of Pharmacy was of longer standing than nineteen years—this was the jubilee of the inception of organised pharmaceutical training in the city. He referred to the late Mr. Burford, and also to the late Mr. A. E. Young, to whose memory, it was hoped, a scholarship fund would be raised in the near future. Mr. Kershaw commented on the good relations existing between the College and the local branch of the Pharmaceutical Society, most of the future meetings of which would be held in the College. The number of full-time students this year exceeded fifty, eight of whom were taking the second year of the Ph.C. and B.Pharm. course, twenty-nine the Chemist and Druggist course, and fifteen the Preliminary Scientific course. He extended congratulations to the prize-winners, who would shortly be receiving their awards. He expressed appreciation on behalf of those present in having Dr. E. K. Macdonald, the city medical officer of health, with them to distribute the prizes. It was also good, he said, to have among them other friends of the School. On behalf of the College, he wished to thank the donors of the prizes for their continued support and also those who contributed to the equipment of the new laboratories.

Dr. Macdonald's Address

After having presented the prizes, Dr. Macdonald spoke of the interesting association of dates in connexion with the jubilee of the department, and thanked the authorities for inviting him to distribute the prizes. Having inspected the new wing of the College, he said that the magnificent suite of laboratories provided for the new School of Pharmacy were, in his opinion, "like the dream of a Nuffield or a Rockefeller." He had never seen a department so well equipped. Dr. Macdonald said he was much impressed by the gymnasium and roof for open-air exercises, and hoped good use would be made of them. He mentioned his interest as medical officer of health in the new Pharmacy and Poisons Act, and said that in it the duties of the Pharmaceutical Society were explicitly mentioned. "Your profession and mine," he said, "are included amongst the great professions, and the standard we must set ourselves is really high." The standard of honesty in both pharmacy and medicine should be such that they should feel morally guilty in not maintaining it. To the prize-winners and those who have recently entered pharmacy he emphasised the importance of seizing opportunities when they came, and even of taking uncongenial posts which oft-times fitted the occupier for better posts.

A vote of thanks to Dr. Macdonald was proposed by Mr. Councillor C. Robert Keene, chairman of the College Committee, and seconded by Dr. R. Sevestre, of the Leicester Royal Infirmary. In proposing a vote of thanks to the chairman, Mr. S. S. Squires (chairman of the School of Pharmacy Advisory Committee) referred to the days when he was a student of pharmacy in the Technical School.

New Indian Drug Bill

Another step has been taken towards implementing the recommendations of the Drugs Inquiry Committee in the Import of Drugs Bill recently introduced in the Indian Legislative Assembly. The Bill intends to regulate the import of drugs and medicines. It prohibits the import of drugs which are not of the standard quality laid down in the Bill, or are misbranded, or the formula of which is undisclosed otherwise than in accordance with the terms of licence issued for the purpose, or the import of which is generally prohibited by rules. Standards to be complied with have for the purpose of this Bill generally been taken to be those prescribed in the British Pharmacopœia or proposed by the Permanent Commission on Biological Standardisation of the League of Nations. Certain recommendations of the Drug Inquiry Committee, for instance, those relating to the manufacture, storage and sale of drugs, education and control of pharmacists, are essentially for provincial Governments to deal with. The Bill excludes such matters and deals only with imports. It may be recalled that while the present Bill seems to control the import of drugs not of the standard type from outside, a beginning has been made with a Central Biochemical Standardisation Laboratory, the object of which is to facilitate the control of internal manufacture of spurious drugs and medicines. This laboratory too owes its origin to the recommendations of the Drugs Inquiry Committee. Though the control of drugs is primarily a matter of provincial concern, in announcing their decision to establish the Central Laboratory, the Government of India stated that in view of the increasing gravity of the problem presented by the manufacture of, and trade in, spurious drugs and the interest it has evoked from representative commercial and medical organisations as well as from the public, the laboratory was being established as a first step towards dealing with this problem and assisting local Governments. The laboratory, it was said, would evolve definite norms and standards and it was hoped that with its establishment there would be the beginning of control over manufacture of spurious drugs, to be implemented by suitable provincial action for the examination of drugs, patent medicines, etc., the standards set up by the Central Laboratory providing the provinces with a basis on which steps could be taken to enforce local laws against adulteration. The present Bill, therefore in a way supplements the action already taken.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, November 4

CONDITIONS IN THE markets vary according to their character. In those products where the demand is routine business and non-speculative the trade continues fairly satisfactory in volume, with values fully maintained. In the speculative markets, however, business has again been at a low ebb, with "The Lane" extremely quiet. In the PHARMACEUTICAL CHEMICALS markets there is little of importance to comment on. "Average business with prices steady" sums up most reports received. The demand for EPHEDRINE HYDROCHLORIDE B.P. has certainly quietened down, but any small supplies available are quoted at high figures. Convention prices for VANILLIN are unchanged; the position is not affected by the cheaper American quotations.

Crude Drugs

A steady consuming trade continues in a fair range of products, and values of these lines are mostly fully maintained. Speculative business is negligible. Recent arrivals of AGAR have mostly been of a very inferior quality. Curaçao ALOES selling steadily at full prices on spot; no shipment offers. Japanese CAMPHOR meets with a good demand, with spot supplies still at a low level. Aleppy green CARDAMOMS are again easier for shipment. CASCARA SAGRADA is steady but dull. High prices rule for the small supply of COCHINEAL on spot; shipment firm. Norwegian COD-LIVER OIL is quoted easier from Bergen, with shipment business quiet. ERGOT continues neglected. The recent weakness in Sudan GUM ACACIA is emphasised this week. HONEY has met with a quiet demand; values steady. Shipment prices for new crop HYDRASTIS are firm and the source indicates further advances expected. Rather more demand for IPECACUANHA on spot. Japanese MENTHOL is firm for spot and near afloat, with a brisk demand recorded. PEPPERS show no recovery from their recent decline; business quiet. One or two shipment offers of RHUBARB from Shanghai reported. RUBBER at level figures is rather steadier. SENEGA is steady but quiet. Fair business continues in the medium grades of TRAGACANTH. BEES' WAXES are steady and CARNAUBA WAXES are in short supply on spot.

Essential Oils

The demand for these products from consumers continues fairly good. Some few items, however, remain very slack. Spot stocks of ANISE (STAR) are held firm at recent values. BERGAMOT is dull and unchanged. Little call for the spot supplies of CASSIA; no shipment offers. CITRONELLA oils remain quiet. Some quotations for Australian EUCALYPTUS are cutting the market. GERANIUM oils are about steady, but business is lacking. There has been a sharp recovery in the shipment quotations for Sicilian hand-pressed LEMON; the exceptionally low offers recently recorded appear to have been withdrawn. Editorial comment on the coming new crop on p. 542. LEMONGRASS is neglected. No definite shipment offers for new crop French Guinea ORANGE. PALMAROSA is in small supply on spot. Japanese PEPPERMINT continues to sell well on spot, with arrivals quickly cleared; goods afloat are also in demand. Quotations for the Spanish oil, ROSEMARY, are rather easier. Spot and shipment prices for U.S.P. quality WORMSEED are cheaper this week.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	October 28	November 4
Amsterdam	Fls. to £	12·107	8·95½	8·98
Berlin	Mks. to £	20·43	12·32	12·34
Brussels	Belgas to £	nominal	29·43	29·33
Copenhagen	Kr. to £	18·159	22·40	22·40
Lisbon	Esc. to £	110	110⅛	110⅛
Madrid	Ptas. to £	25·22½	nominal	nominal
Milan	Lire to £	92·46	94⅛	94⅛
Montreal	Dol. to £	4·86¾	4·95	4·96½
New York	Dol. to £	nominal	4·95⅛	4·96½
Oslo	Kr. to £	18·159	19·90	19·90
Paris	Fr. to £	124·21	148	147½
Prague	Kr. to £	164·25	141½	141¾
Stockholm	Kr. to £	18·150	19·40	19·40
Warsaw	Zloty to £	43·38	26¼	26¼
Zurich	Fr. to £	25·2115	21·48	21·50

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

THE products of this market are meeting with a rather quiet demand. Values are generally steady.

ACETANILIDE.—Market is steady. B.P. crystals and powder, 1s. 8d. to 1s. 10½d. per lb., as to quantity.

AMIDOPYRINE.—Convention prices unchanged: two cwt., 8s. 10d.; one cwt., 9s. 1¾d.; less than one cwt., from 9s. 5½d. per lb.; powder, 2½d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Business quiet: one cwt., 1s. 6½d. in 14-lb. tins; 1s. 8d. in 1-lb. tins; 1s. 10½d. in 8-oz. tins, and 2s. 1d. per lb. in 4-oz. tins.

ASPIRIN.—Makers' and dealers' prices are steady, average business reported: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 3s.; 14 lb., 3s. 1½d.; 7 lb., 3s. 2¾d.; 4 lb., 3s. 4½d.; 1 lb., 3s. 7d. per lb. Bulk packing free, net, carriage paid. Contracts, over twelve months, minimum one ton; over six months, less than one ton.

BARBITONE.—Dealers report business quiet: spot, two cwt., 8s. 9¼d.; 56 lb., 8s. 11½d.; small parcels, up to 9s. 2¼d. per lb.

BENZOIC ACID (B.P.).—Competitive market for bulk quantities at about 1s. 9d. per lb., ex works or stores: spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices continue steady. Carbonate, not less than one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; 4 lb., 8s.; less than 4 lb., 8s. 6d. per lb.

BROMIDES.—Makers' scales of prices steady. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb., net. Resale clause applies, 27-lb. parcels and one-cwt. cases free. Smaller quantities than 28 lb. at higher prices. Export quotations are maintained, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. per lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Market remains dull: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—The scales for Continental material, duty paid, in 5-lb. tins, are as follows:—Pure alkaloid, two cwt., 8s. 10½d.; one cwt., 9s. 0¼d.; 56 lb., 9s. 2¼d.; less than 56 lb., 9s. 4¼d. per lb. Citrate, two cwt., 5s. 11¾d.; one cwt., 6s. 0¾d.; 56 lb., 6s. 1¾d.; less than 56 lb., 6s. 2¾d. per lb. Soda sal., two cwt., 6s. 2¾d.; one cwt., 6s. 3d.; 56 lb., 6s. 4¾d.; less than 56 lb., 6s. 5¾d. per lb. English makers' prices as follows: Pure alkaloid, two cwt., 9s.; one cwt., 9s. 2d.; 56 lb., 9s. 4d.; less than 56 lb., 9s. 6d. per lb. Citrate, two cwt., 5s. 11d.; one cwt., 6s.; 56 lb., 6s. 1d.; less than 56 lb., 6s. 2d. per lb.

CITRIC ACID (B.P. CRYSTALS).—Quoted prices are maintained: British material quoted at 1s. 0¼d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Quoted values are steady: British materials, 99 to 100 per cent., 92s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

EPHEDRINE.—Inquiry for hydrochloride (B.P.) has been generally quiet this week, with the value of any supplies available a matter of negotiation and nominal at 19s. to 21s. per oz. Pure alkaloid, very quiet: quoted at about 25s. per oz.

GALLIC ACID.—Market continues fully steady: one cwt., 3s.; 56 lb., 3s. 1d.; smaller parcels, up to 3s. 6d. per lb.

HEXAMINE.—Makers' prices for bulk quantities are steady: B.P. powder at about 1s. 2½d.; free-running crystals, from 1s. 3d. to 1s. 6d. per lb., carriage paid, for bulk lots. Dealers quoting free-running crystals, one cwt., 1s. 4d.; 14 lb., 1s. 8d.; smaller parcels, up to 2s. per lb., carriage paid.

IODIDES.—The agreed scale of prices for iodides, iodine and iodoform, as from August 9 is:—POTASSIUM, B.P.—1 cwt., 4s. 6d.; 28 lb., 4s. 9d.; 14 lb., 5s.; 7 lb., 5s. 6d.; 4 lb., 6s.; smaller quantities, 6s. 6d. per lb. SODIUM, B.P., 28 lb., 5s. 9d.; 14 lb., 6s. 1d.; 7 lb., 6s. 7d.; 4 lb., 7s. 3d.; smaller quantities, 8s. 1d. per lb. IODINE, B.P., RESUBLIMED.—1 cwt., 5s. 4d.; 28 lb., 5s. 7d.; 14 lb., 5s. 10d.; 7 lb., 6s. 4d.; 4 lb., 7s.; smaller quantities, 7s. 9d. per lb. IODOFORM, B.P., CRYST., PRECIP. OR POWDER.—28 lb., 8s.; 14 lb., 8s. 4d.; 7 lb., 9s.; 4 lb., 9s. 10d.; smaller quantities, 10s. 8d. per lb. Contracts for one cwt. and upwards (assorted if required) with fall clause, with delivery as required during four months. 28-lb. tins and one-cwt.

cases free. All jars and bottles charged, but credited if returned carriage paid, in good condition, within three months. Assorted quantities are charged at the collective total prices. It is a condition of sale that buyers undertake not to resell any quantity of the above products at prices or terms below the scale for any such quantity current at the time the resale is made.

IRON QUININE CITRATE.—Makers' prices are as follows: not less than 100 oz., 10½d., in 100-oz. tins; 10¾d., in 25-oz. tins; 11d., in 16-oz. bottles; 11¼d., in 4-oz. and 8-oz. bottles; 1s. 0½d., in 1-oz. bottles, to 1s. 5½d.

LACTIC ACID (B.P.).—Fair business reported: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10½d. per lb., as to quantity.

MERCURIALS.—Makers' scales of prices for these salts are unchanged. CHLORIDE, B.P. (CALOMEL).—One cwt., 5s. 11d.; less than one cwt., from 6s. per lb.

METHYL SALICYLATE.—Business continues disappointing: spot, ten cwt., 1s. 1¾d.; five cwt., 1s. 2d.; one cwt., 1s. 2¼d.; less than one cwt., 2s. 2½d.; small quantities, in bottles, 2s. per lb.

METHYL SULPHONAL.—Market quiet: two cwt., 19s. 3¾d.; one cwt., 19s. 9¼d.; 56 lb., 20s. 2¾d.; small parcels, 20s. 8d. per lb.

PARAFORMALDEHYDE.—Values unchanged, business quiet: 100 per cent. powder, quantities in kegs, 1s. 1d. to 1s. 1½d.; smaller parcels, up to 1s. 4½d. per lb., as to quantity.

PARALDEHYDE.—Quantities in demijohns from 1s. 1d. and smaller lots in winchesters about 1s. 4d. to 1s. 6d. per lb.

PEPSIN.—Prices for the 1/2,500 continue steady, with 50 lb. or less quoted at 10s. per lb. net, ex store.

PHENACETIN.—Makers' prices steady: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

PHENAZONE.—Business of small importance: crystals, five cwt., 6s.; two cwt., 6s. 2½d.; one cwt., 6s. 5d.; smaller quantities, up to 6s. 9d. per lb., with powder 2½d. per lb. extra.

PHENOLPHTHALEIN.—Values are quoted unchanged: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels up to 3s. 6d. per lb.

PHOTOGRAPHIC CHEMICALS.—AMIDOL.—28 lb., 7s. 6d.; 14 lb., 8s. 3d.; 7 lb., 9s.; under 7 lb., 11s. 9d. per lb., in 1-lb. bottles. CHLOROQUINOL.—1-lb. bottles, 21s. per lb. GLYCIN.—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. HYDROQUINONE.—56 lb., 4s. 10½d.; 28 lb. 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; in 1-lb. bottles, 6s. 6d. per lb. METOL.—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d.; 3 lb., 11s. 6d.; 1-lb. bottles, 12s. 6d. per lb. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 21s. per cwt., 28 lb. for 6s. GOLD CHLORIDE.—15-grain tubes, 45s. per doz. MAGNESIUM POWDER.—10s. per lb. PARAMIDOPHENOL HYDROCHLOR.—8s. 6d. per lb. POTASSIUM FERRICYANIDE.—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. POTASSIUM METABISULPHITE.—One cwt., 7½d.; 28 lb., 8d.; 14 lb., 9d.; 7 lb., 11d.; 1 lb., 1s. per lb. PYROGALLIC ACID, CRYST., 28 lb., 6s. 9d.; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; under 7 lb., 8s. 9d. per lb. SODIUM (CARBONATE RECRYST).—5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM HYPOSULPHITE, CUBES, CRYST.—5 cwt., 16s. 3d.; 1 cwt., 18s. 6d. per cwt.; 56 lb. for 11s.; 28 lb. for 6s. SODIUM SULPHIDE (PURE).—7 lb., 1s. 3d.; 1 lb., 1s. 6d. per lb., bottles and jars charged extra and non-returnable. SODIUM SULPHITE, RECRYST.—One cwt., 20s. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s.

POTASSIUM PERMANGANATE (B.P.).—Steady demand for small parcels: bulk quantities, in drugs, 9d.; druggists' parcels, from 10d. to 1s. per lb.

POTASSIUM SULPHOGUAIACOLATE.—Dealers' spot prices quoted at about 6s. 1½d. to 6s. 3d. per lb., as to quantity.

PYROGALLIC ACID.—Prices are held at the recent advance as follows: crystals, 28 lb., 7s. 3d.; 14 lb., 7s. 9½d.; 7 lb., 8s. 9d.; under 7 lb., 9s. 3d. per lb.

QUININE SALTS.—Convention prices continue unchanged: sulphate 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9¾d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s.; hydrophosphite, 4s.; alkaloid, 3s. 10½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

SALICYLIC ACID (B.P.).—Inquiry is only moderate: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 10d.; 14 lb., 1s. 11½d.; 7 lb., 2s. 0¾d.; 4 lb., 2s. 2½d. per lb.

SALOL.—Competitive market, business slow: spot, about 2s. 3d. to 2s. 8d. per lb., as to quantity.

SANTONIN.—The standard quotations range from £11 to £14 per kilo, as to quantity, but there are offers for quantities down to £10 7s. 6d. per kilo.

SODIUM BENZOATE (B.P.).—Market steady: bulk quantities, 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 7½d. to 2s. per lb., as to quantity.

TANNIC ACID (B.P. LEVISS).—Values for spot material are fully steady at about 2s. 9d. to 3s. per lb., as to quantity.

VANILLIN.—Convention prices steady, ex clove oil or guaiacol, five cwt, 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 6d.; less, 13s. 9d. per lb.

Crude Drugs, etc.

AGAR.—The spot market is quiet. A good deal of the recent arrivals of old crop is of very inferior quality, with some parcels not passing f.a.q. standard. Shipment market quiet: spot, Kobe, No. 1, 3s. 10d.; No 2, 3s. 6½d.; Yokohama, No. 1, 3s. 6d. per lb.; shipment, new crop, January-February, Kobe, No. 1, 2s. 7½d. to 2s. 8½d.; No. 2, 2s. 5d. to 2s. 6d.; Yokohama, No. 1, 2s. 5½d. per lb., c.i.f.

ALKANET ROOT.—Dealers are quoting small spot parcels at about 47s. 6d. per cwt., ex store.

ALOES.—Steady spot business at full prices in Curaçao; no shipment offers. Cape steady but quiet. Cape, spot, 63s. to 64s.; shipment, 62s. 6d. to 63s. per cwt., c.i.f. Curaçao, spot, blacks, from 135s., as to seller; livers, 145s. to 155s. per cwt.; shipment, nominal at 130s. to 135s. per cwt., c.i.f.

AMMONIACUM.—Spot supplies of fairly clean pale drop at about 1s. to 1s. 1d. per lb., in bond.

ANNATTO SEED.—Market steady, supplies small: Madras, 3½d.; Jamaican, fair colour, 4½d. per lb., ex store.

ARNICA FLOWERS.—Dealers offering small parcels on spot at about 1s. 3d. per lb., ex store.

BALSAMS.—Values of Canada are firm, with some business recorded: *Tolu*, 1s. 10d. to 1s. 11d.; *Canada*, 4s. 9d.; *Peru*, 5s. 4½d. *Copaiba*, 2s. 1d. to 2s. 2d. per lb., spot.

BUCHU.—A steady business in bale lots reported with values maintained. Rounds, 2s. 1d. to 2s. 2d., as to quality. Ovals, in limited supply, quoted from 1s. 9d. to 1s. 11d. per lb., ex store.

BURDOCK.—Dealers' values are steady at 48s. to 50s. per cwt., as to quantity. Occasional business.

CAMPHOR.—Business well up to recent average; values unchanged: Japanese manufacturing BB grade, £8 10s. per 100 lb. Japanese, spot, tablets, 2s. 7½d.; powder, 2s. 4d.; slabs, 2s. 3½d. per lb., ex store; shipment, tablets, 2s. 3½d.; powder, 2s. 1d.; slabs, 2s. 0¾d. per lb., c.i.f.; English refined flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz., and ¼ oz., 3s. 6d. per lb.

CANTHARIDES.—Not much doing on spot: Spot, Chinese, 2s. 3d. to 2s. 4d. per lb., as to quantity; shipment, 1s. 9d. per lb., c.i.f.

CARDAMOMS.—Reports from the source indicate that shipment values for Green Aleppy are again easier, with the figure now about 2s. 10d., c.i.f., November-December shipment. Spot, 4s. 1½d. to 4s. 3d. Bombay seeds, spot, 6s. 3d. to 6s. 6d.; shipment, 4s. 1½d. per lb., c.i.f. Spot supplies of all descriptions are very limited.

CASCARA SAGRADA.—Not much business moving, quoted unchanged: 1937 peel, 48s. per cwt., c.i.f., with spot holders asking 58s. to 60s. per cwt.; old bark, from 65s. to 70s. per cwt., ex store.

CASCARILLA.—Dealers report business quiet. The market is steady at 1s. 3d. per lb., spot.

CASSIA FISTULA.—Some fairly sound good bold pods are quoted at about 30s. per cwt., ex store.

CELERY SEEDS.—Dealers offering good bulk quantities on spot at about 85s. per cwt., ex store.

CHAMOMILES.—Importers' quotations for new crop first pickings are firm at about 170s. per cwt., landed and duty paid.

CLOVES.—Market has been quiet and is rather easier forward. Zanzibar, spot, 8½d.; shipment, November-December, 7 13/16d. per lb., c.i.f. Madagascar, in bond, 7⅞d.; shipment, November-December, 7½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended October 30 were *nil* and the deliveries 50, leaving a stock of 2,609. From January 1 to date the landings of Zanzibar have been 5,053 and the deliveries 3,744. Landings of Madagascar for the week ended October 30 were *nil*, and the deliveries 67, leaving a stock of 3,361. From January 1 to date the landings of Madagascar have been 5,268 and the deliveries 3,077 packages.

COCHINEAL.—Practically no blacks on spot except odd bags, which might be picked up for 1s. 11d. per lb. Shipment offers are firm at 1s. 9d. per lb., c.i.f. Small supply of greys quoted at 1s. 9d. per lb.

COCONUT (DESICCATED).—Market is steadier at the recent decline: spot, fine, 21s.; medium, 20s. per cwt.; shipment, halves, October-November, 19s. 6d.; December, 19s. 9d. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports the shipment market has been dull and quotations are slightly cheaper: finest Lofoten steam refined, non-freezing medicinal oil, 105s. to 107s. per barrel, c.i.f., London. Small lots on spot, about 142s. 6d. per barrel, ex store, duty paid. British finest medicinal oil is quoted at 110s. per barrel, delivered U.K., with rebates for 25, 50 or more barrels.

COLCHICUM.—Spot supplies of root at about 47s. 6d. per cwt. and seeds at 10d. per lb., ex store.

COLOCYNTH.—Dealers quoting bulk supplies of pulp at 1s. 3d. to 1s. 5d. per lb., as to quantity and quality.

DANDELION ROOT.—Market has been quiet: good clean Continental root at about 70s. to 72s. 6d. per cwt., ex store.

ERGOT.—Small spot supplies are quoted: Spanish/Portuguese, 5s. 4d. to 5s. 6d.; Russian, 5s. to 5s. 2d. per lb. No interest in the shipment market, with very little offering from the sources.

GALLS.—A shipment offer of Chinese is recorded at 54s. per cwt., c.i.f., for f.a.q., prompt shipment.

GENTIAN.—Supplies are freely offering at 45s. to 47s. 6d. per cwt., ex store, as to quantity and quality.

GINGER.—Market rather dull: West African, spot, 57s. 6d.; for arrival, January-March, 44s., c.i.f. Jamaican, small grinding, in bags, 62s. 6d.; bold, in barrels, 85s. to 90s. per cwt., ex store.

GUM ACACIA.—The spot market has remained rather dull, and holders have reduced their prices. Kordofan, cleaned sorts, spot, 48s. 6d.; shipment, 47s. per cwt., c.i.f.

HENBANE.—Dealers' prices for small parcel business are at about 75s. per cwt., ex store.

HENNA.—Small demand, market steady: Egyptian, green, 34s. to 35s.; brown, 30s. to 32s. 6d. per cwt., ex store, as to quantity.

HONEY.—Market has been rather quiet during the past week. Values are steadily maintained: Jamaican, dark liquid manufacturing, 40s. up to 55s. for pale set. Californian white clover is scarce on spot at 52s. per cwt., duty paid. Canadian, new crop, in small supply and held for 57s. 6d. to 60s. Some dark St. Domingo is now available at 37s. per cwt., duty paid. Very little of any other description offering.

HYDRASTIS.—The shipment market is firm at 15s. per lb., c.i.f., for new crop, with source expecting further advances. There may still be a spot seller of old root from 14s. 6d. to 14s. 9d. per lb., ex store.

IPECACUANHA.—Rather more business in small lots, values quite steady: Matto Grosso, B.P. test, spot, 8s. 3d.; shipment, nominal, no offers.

IRISH MOSS.—Dealers are quoting small spot parcels from 45s. to 60s. per cwt. for druggist qualities, ex store.

JUNIPER BERRIES.—Some good sifted berries available on spot at about 27s. 6d. per cwt., ex store.

KAMALA.—Some spot supplies, 5.47 per cent. ash, quoted at 1s. 7d. per lb., duty paid.

KOLA NUTS.—Some African halves are available on spot at about 3½d. per lb., ex store.

LAVENDER FLOWERS.—Spot supplies of new crop, good blue flowers, offering at about 130s. per cwt., ex store.

LIQUORICE ROOT.—Medium quality decorticated quoted at about 37s. 6d. per cwt. Natural root is valued at about 12s. 6d. per cwt., ex store.

LOBELIA HERB.—A small business, with values quite steady: 6½d. to 7d. per lb., as to quantity and seller.

LYCOPODIUM.—Market dearer, business fair: spot, about 5s. 4d. to 5s. 6d. per lb., ex store.

MANNA.—Dealers quote small parcels of new crop finest selected at 3s. 6d. per lb., in 1-lb. tins.

MENTHOL.—Spot and near arrival goods in demand at full prices: K/S brands, spot, 13s. 10½d.; in bond, 12s. 3d. Most near afloat goods sold, but one parcel, due here in about a month, is quoted at 13s. 6d., landed and duty paid. Japanese shippers quote January-Merch at 10s. per lb., c.i.f.

MERCURY.—Quotations continue at the slight reduction recorded last week: quoted at 64 dollars per bottle, f.o.b. Continent; spot, £13 to £13 0s. 6d. per bottle, ex store.

MYRRH.—Market is firm, supplies short. Fair Aden, native gum, £9 10s. per cwt., in bond, and good small peas, £4 7s. 6d. per cwt., in bond.

OPIUM.—Fair business, market steady: Turkish, original cases of 170 lb., 12½-13 per cent., 1s. 1¾d.; Persian, 12 per cent., 1s. 1d. per unit, landed and duty paid.

ORANGE PEEL.—Parcels of thin cut are available from 11½d. to 1s. 2d. per lb., as to quality and quantity. Bitter quarters are scarce and quoted at 11d. per lb.

ORRIS ROOT.—Plenty of supplies with good bold selected at about 30s. per cwt. Other grades from 27s. per cwt., ex store.

PEPPER.—Market is steadier, but remains quiet: Lampong, in bond, 2⅝d.; shipment, November-December, 2¾d.; January-March, 2½d.; March-May, 2⅝d., c.i.f. Tellicherry, spot, 4d.; shipment, November-December, 36s., c.i.f. Aleppy, spot, 4d.; shipment, November-December, 35s., c.i.f. White Muntok, in bond, 4d.; shipment, October-November, 3 13/16d.; January-March, 3⅞d.; March-May, 4d. per lb., c.i.f. London: Terminal market, Black, December, 2½d.; March, 2 9/16. White, December, 3¾d.; March, 3⅞d. per lb. sellers.

PIMENTO.—Values about steady, business quiet: spot, 8¼d. per lb.; shipment, November-December, 69s. per cwt., c.i.f.

RHUBARB.—The spot market shows no change, with a small supply held for full prices. Shipment offers from Shanghai have been received this week with a parcel of rough round, 2s. 3d., c.i.f., and Shensi at 4s. 7d. per lb., c.i.f. It is not known if these goods have been sent down to the port or whether they have been lying there in store for some time.

RUBBER.—At the current values the market is steadier: standard ribbed smoked sheet, spot, 7¼d.; November, 7¼d.; December, 7 5/16d.; January-March, 7⅜d.; April-June, 7½d.; July-September, 7 9/16d. per lb.

SAFFRON.—Dealers' prices for the small spot stocks of genuine Valencia are fully steady at 74s. to 76s. per lb., ex store.

SEEDS.—ANISE.—Spot, duty paid, Spanish, 62s. 6d.; Persian, 40s. CANARY.—Spot prices, duty paid, Mazagan, 21s. 6d.; Plate, 19s. 6d.; Turkish, 18s.; Spanish, 25s. to 37s. 6d. CARAWAY.—Dutch quoted at 35s. 6d., spot, duty paid. CORIANDER.—Morocco on spot is unchanged at 27s., duty paid. CUMIN.—Spot, Malta, 46s., duty free; Morocco, 46s., duty paid, and 42s., in bond. FENUGREEK.—Morocco, on spot, 13s. 6d., duty paid. MUSTARD.—English, 22s. 6d. to 32s., according to quality.

SENEGA.—Business reported to have been slow, values quoted unchanged: spot, about 2s. 3d.; shipment, new crop, 2s. 2d. per lb., c.i.f.

SENNA.—The market continues steady at former values. Tinnevelly leaves: Fair green quality quoted on the spot as follows: Bold, at 6½d.; No. 1, at 5¾d.; No. 2, at 3½d.; No. 3 at 2¾d.; No. 4, at 2¼d. per lb. Tinnevelly hand-picked pods are available at 3¾d. to 6d. per lb., according to quality. A few small consignments of manufacturing pods have now come to hand, but are firmly held at 2¾d. to 3d. per lb., ex wharf, London. Alexandrian hand-picked pods: Finest quality is now in short supply, spot quotations are as follows: selected, at 5s. to 5s. 3d.; No. 1, at 3s. 6d. to 4s.; No. 2, at 2s. 3d. to 2s. 9d.; No. 3, at 1s. 6d. to 2s., with low grades offering at 1s. to 1s. 3d. per lb., ex wharf, London.

The following report from "The Indian Trade Journal," of October 7, is published in continuation of that published on October 23 (p. 497). "The conditions mentioned in the previous report remained unchanged. The expected rains have not materialised and the few showers at the end of August did not improve the condition of the plants. The arrivals were therefore very small in both the Tinnevelly and Sattur areas and the market ruled firm. The prices were from Rs. 20 to Rs. 25 and from Rs. 40 to Rs. 65 for Sattur and Tinnevelly leaves, respectively. There was a fair demand both from Europe and America. Indian shippers consigned large quantities to Germany. The export figures from March 1 to August 31, 1937, were as follows:—

	1st March to 31st August	
	1937 Cwt.	1936 Cwt.
Europe	23,432	26,406
America	9,620	8,645
China	788	566
Japan	1,168	503
Australia	268	263
India	4,017	5,404
Total	39,293	41,787

SHELLAC.—Values are steadier this week: spot, standard TN orange, 44s. to 47s.; fine orange, 60s. to 100s.; pure button, 55s. to 60s. per cwt. For delivery, TN, December, 43s.; March, 45s. For arrival, TN, November-December, 43s., c.i.f.

TRAGACANTH.—The medium grades ranging in value from £35 to £55 per cwt. continue in steady inquiry, and supplies of these gums are now rather limited. Rather more inquiry for textile gums reported this week.

WAXES.—BEES'.—The market is now fairly steady following the recent decline in values: Calcutta, bleached spot, 140s.; shipment, November-December, 135s.; ordinary quality, spot, 115s.; shipment, November-December, 112s. 6d., c.i.f. Benguella, spot, 118s.; shipment, November-December, 107s. 6d., c.i.f. Conakry, spot, 112s. 6d.; shipment, 107s. 6d., c.i.f. Dar-es-Saleem, spot, 125s.; shipment, November-December, 118s. per cwt., c.i.f. CARNAUBA.—Spot stocks continue in limited supply. Fatty grey, spot, 172s. 6d.; shipment, afloat, 166s., c.i.f.; November-December, new crop, 150s., c.i.f. Chalky grey, spot, 170s.; shipment, 150s., c.i.f. Primeira, spot, good quality, 220s.; f.a.q., 215s.; shipment, November-December, 187s. 6d., c.i.f. Mediana, spot, 200s.; shipment, 182s. 6d., c.i.f.

Essential Oils, etc.

FAIR amount of consuming trade is reported, with values keeping steady. Anise (Star) is firm on spot. Sicilian hand-pressed lemon is dearer at the source. Japanese peppermint is meeting with a good spot demand.

ALMOND.—Values unchanged, business quiet: foreign, expressed, cwt. lots, 2s. 9d.; smaller parcels, up to 3s. per lb.; English oil at competitive prices.

ANISE (STAR).—Some business reported, with full prices paid. Tins in cases, 5s. 6d. Drums, if available, 5s. 3d. per lb., ex store. A quotation was received this week, with drums at 4s. 6½d., c.i.f., for prompt and 4s. 4½d., c.i.f., for November-December. Tins, November-December, 4s. 10½d. per lb., c.i.f.

BERGAMOT.—Business in this product has been negligible, with spot about 15s. 6d. to 15s. 9d., as to brand, and shipment nominally unchanged at 15s. 4½d. per lb., c.i.f.

BOIS DE ROSE.—Stocks of drums of spot are available at about 6s. 1½d., and smaller packages up to about 6s. 6d. per lb. There are no shipment offers from the source.

CAJUPUT.—Business quiet, values steady. B.P., 2s. 9d. to 3s. per lb., as to quantity; shipment, 2s. 4d. per lb., c.i.f.

CARAWAY.—Not much demand for this product: Dutch rectified, 7s. 9d.; crude, 7s. 4d. per lb., landed, duty paid.

CASSIA.—The demand for spot oil has been quiet. Holders are asking 3s. 7½d. per lb. for good quality oil, in leads. Inferior oil offered at about 3s. 4½d. per lb.

CEDARWOOD.—Values unchanged, market quiet: African, in drums, 1s.; smaller packages, up to 1s. 3d. per lb. American, in drums, 1s.; smaller packages up to 1s. 3d. per lb., ex store.

CITRONELLA.—Business for this market continues of little importance. The Ceylon oil is rather cheaper for shipment. Ceylon, spot, drums, 1s. 10d.; smaller parcels, up to 2s.; shipment, drums, 1s. 5¾d. per lb., c.i.f. Java, spot, drums, 2s. 4d. to 2s. 5d.; smaller parcels, up to 2s. 7½d.; shipment, drums, 1s. 11¼d. per lb., c.i.f.

EUCALYPTUS.—One or two lots have been cleared at cheap prices, market steady as quoted: Australian, 70 to 75 per cent., 1s. 8½d., in drums; 1s. 9½d., in tins; 80 to 85 per cent., 1s. 10½d. per lb., in drums, if available; higher prices for small lots on spot. Shipment, 70 to 75 per cent., 1s. 6d., in drums; 1s. 6½d. in tins; 80 to 85 per cent., 1s. 7½d. per lb., c.i.f., for November shipment.

GERANIUM.—The demand for these oils is disappointing: Bourbon, spot, 14s. 9d. to 15s. 3d.; shipment, 13s. 10½d. per lb., c.i.f. Algerian, spot, 14s. 6d. to 15s.; shipment, nominal, no offers.

GINGERGRASS.—Spot nominal, with practically nothing available; shipment, if available, 7s. 9d. per lb., c.i.f.

GRAPE-FRUIT.—Some small spot business, market steady: Florida oil, 11s. to 12s. per lb. Californian, 10s. 6d. to 12s. per lb., as to quantity.

HO (SHIU).—Spot holders are quoting "improved" quality oil, in drums, in the region of 4s. per lb. The demand has been slow of late.

JUNIPER BERRY.—Spot values vary according to quality of the oil from about 3s. 3d. to 4s. per lb. for the finest.

LAVENDER.—The price from the source for new crop, 38 to 40 per cent., good quality oil works out at about 16s. to 16s. 6d. per lb., landed. Lavandin, 8s. to 8s. 6d. per lb., landed, as to quality.

LEMON.—Reports from the source indicate a sharp recovery in market values for hand-pressed Sicilian oil. Practically all the very cheap offers of new crop, January shipment, have been cancelled. The prices now indicated range from 10s. to 10s. 6d. per lb., as to brand. Oil on spot varies from 9s. 6d. to 10s. 6d. per lb. Californian distilled, regular quality, 6s. 4d. per lb., ex wharf. Editorial comment on new crop Sicilian oil on p. 542.

LEMONGRASS.—The shipment market is still neglected, with shipment quotations at 1s. 6¼d. per lb., c.i.f.; spot, 1s. 8d. to 1s. 11d. per lb., as to quantity.

MANDARIN.—Some shippers' reports from the source suggest that new crop prices may be rather easier, in the region of 22s. per lb., c.i.f.

MUSK.—A small supply of Tonquin pods available in London; the price asked is 54s. per oz.

NUTMEG.—Market is steady, with some small business reported: spot, American and Dutch oil, 5s. 9d. to 6s. per lb., as to quantity.

ORANGE.—Quotations for new crop French Guinea are still awaited. In the meantime the market is dull, with values nominal. Tanganyika bitter oil, in drums, 8s. per lb., ex store. Californian, small drums, 4s. 2½d.; tins in cases, 4s. 3½d.; single cases, 4s. 6d. per lb., ex store. Californian, hand-pressed, 5s. 6d. to 5s. 9d., duty paid; shipment, 5s. 1d. per lb., c.i.f., in bulk quantity.

PALMAROSA.—The shipment quotation is now reported to be down to 6s. 6d. per lb., c.i.f., but buyers do not appear to be interested. Spot supplies very limited and quoted up to 8s. per lb., ex store.

PEPPERMINT.—The Japanese product continues in good demand on spot, with prices fully 5s. to 5s. 1d. per lb. Japanese shippers quote December-January at 4s. 2d., c.i.f., and January-March at 4s., c.i.f. All goods in s.s. "Corfu" have been sold, and near afloat is being called for by buyers. Declarations made for August-September shipment goods with the boat due to arrive here early December, at 3s. 10d. per lb., c.i.f. American natural oil in drums remains very quiet, with new crop quoted from 2 dollars 15 to 30 cents per lb., in drums, c.i.f., according to brand.

PETITGRAIN.—Some few sales are reported, with cases on spot at about 4s. 3d. per lb., and small lots up to 4s. 6d. per lb. Shipment, 4s. per lb., c.i.f., in cases.

ROSEMARY.—The easier tendency in this market last week is confirmed, and holders of spot oil are now quoting steadily from 3s. 3d. up to 4s. per lb., as to quality and seller.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots on spot, 19s. per lb. Oil described as East Indian is steady at the recent slight advance at 17s. 6d. per lb., c.i.f., for bulk quantities. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, 7s. 3d. per lb. Australian, steady at 15s. 3d. per lb., for 7-lb. tins; one case at 14s. 9d. and five cases at 14s. 6d. per lb.

SPEARMINT.—Genuine U.S.P. oil is steady on spot in the region of 9s. per lb.; shipment is quoted at about 8s. 3d. per lb., c.i.f.

SPIKE.—Not much business except small orders. Spot values vary as to quality, with a genuine high-grade Spanish oil well up to 5s. 6d. per lb. There are cheaper prices for other grades.

WORMSEED.—Values are rather easier, business quiet: spot, U.S.P. oil, 11s. 6d.; shipment, 10s. 9d. per lb., c.i.f.

Commercial Notes

CHINA CAMPHOR EXPORTS.—Shipments from Shanghai destined for the United States totalled 26,880 lb., valued at $1,369, in 1936, and 22,400 lb., valued at $1,589, in 1935.

MEXICAN LIME OIL EXPORTS.—Invoices certified at Colima, Mexico, for export to the United States during the month of September totalled 4,856 lb. of lime oil, valued at $14,075, bringing a total value of shipments this season to $43,975, compared with a total of about $30,000 in 1936.

JAPANESE CAMPHOR INDUSTRY.—The Japanese Government has granted a permit to Mr. Nanaya Yamaguchi to erect a camphor plant at Masudamachi, Minogori, in Shimane Prefecture. It is stated that this is the first attempt to manufacture camphor on the mainland, production in the past having been monopolised by Formosa.

CHILEAN BEES' WAX EXPORTS.—During the first half of 1937 total exports of bees' wax from Chile were 204,700 kilog, as compared with 337,800 for the entire year 1936. Germany was the largest purchaser of Chilean bees' wax, taking approximately 67 per cent. of the total shipments in 1936, followed by the United States with 22 per cent. and Great Britain with 10 per cent.

YUGOSLAVIA PYRETHRUM EXPORTS.—The United States is shown as destination for 151 of the 270 metric tons of pyrethrum exported from Yugoslavia during the first half of 1937. It also accounted for 13 of 36 tons of powdered pyrethrum exported. The early 1937 trade exceeded the shipments for the year 1936, when 170 tons of crude and 19 tons of powdered pyrethrum were exported.

MADAGASCAR ESSENTIAL OIL EXPORTS.—Shipments during the periods January 1 to May 31, 1937 and 1936, were as follows:—

Product	January–May		Product	January–May	
	1936	1937		1936	1937
	Kilos	Kilos		Kilos	Kilos
Rose Geranium ...	220	224	Palmarosa	—	476
Ylang-Ylang... ...	11,836	9,915	Cannelle	1,885	58
Clove	76,825	81,652	Basilic	774	331
Patchouli	—	96	Others	2,026	556
Lemongrass	22,844	17,223			

GERMAN IODINE TRADE.—Imports and exports of crude iodine for the years 1931 to 1936 and first six months of 1937 were as follows:—

Year	Imports		Exports	
	Kilograms	Thousand Marks	Kilograms	Thousand Marks
1931	150,200	4,443	62,400	2,270
1932	68,200	1,651	31,000	891
1933	85,100	1,426	35,200	630
1934	103,000	702	45,400	482
1935	288,400	1,699	59,900	483
1936	294,500	1,612	61,400	483
1936 (6 months)	197,000	1,076	33,300	271
1937 (6 months)	104,000	572	25,600	190

FRENCH GUINEA ORANGE OIL EXPORTS.—Exports from French West Africa during the first quarter of 1937 amounted to 1,180 metric quintals, valued at 1,782,000 francs, against 1,075 quintals, valued at 1,513,000 francs, for the corresponding period of 1936. Shipments to the United States were double those of the previous year.

Destination	1st quarter 1936		1st quarter 1937	
	Quintals	Francs	Quintals	Francs
France	670	936,000	915	1,372,000
Germany	31	81,000	158	238,000
England	317	444,000	66	98,000
United States	14	21,000	30	53,000
Netherlands	21	31,000	11	21,000
Total	1,073	1,513,000	1,180	1,782,000

BRAZILIAN ROTENONE PRODUCTS EXPORTS.—Shipments of timbo root during the period January-June 1937 totalled 121,940 kilog. Timbo powder shipped during the same six months totalled 490,142 kilog. The northern States of Para and Amazonas are the largest producers of timbo root. Exports are made primarily from the port of Belem, Para. Shipments from Belem during 1936 totalled 863,108 kilog., valued at 3,598 contos.

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Yeast in Diabetes

SIR,—While unwilling to protract the controversy on the merits of yeast in diabetes mellitus at the expense of your space so generously placed at my disposal, I would attempt, finally, to dispel any illusions entertained on this subject and to clarify such of my points as may have seemed obscure. First, how is "Observer" to know that his case, in the initial stage of treatment, received the correct dosage of insulin? I understand that the disease was contracted "years ago." Years, ago, treatment by insulin was beginning. I, myself, was one of the first to adopt the therapy. Difficulty arose as to the amount to be administered. More informative pathological reports—as time progressed—gave a better picture of the percentage of blood sugar. Insulin was administered in diminishing amount. "Observer" does not show that the degree of disease was exactly compensated by the insulin injected. It is possible that in the case he records, the patient's stated intake of food is not increased in carbohydrate content, but consists of non-saccharose substances. The issues in question are easily capable of scientific ascertainment. The matter need not be speculative. To guarantee precise data this case should rigidly maintain the same dietary for a short period. For half this period of trial his blood sugar should be taken while yeast is added to his daily menu. The other half term of trial, without the ferment, should be given the same number of blood sugar tests. Secondly, can I be assured that "Observer's" case is a genuine example of diabetes mellitus and not diabetes insipidus or a disease of the pituitary gland? Although the concluding part of his letter is not addressed, through you, to myself, I venture to intrude in saying that "so long to live," frequently ascribed to doctors, is generally an invention of the patient. "Four months" is a precise prognosis which none should countenance. I never heard a distinguished practitioner express himself with such pragmatical prescience. Granted, if "Observer's" subject became affected before the advent of insulin, then a reasonable estimate of his remaining term of life might be attempted. I entertain a sincere respect for the attitude of "Observer" who states his case with conviction of feeling—it is with his inference that I disagree. He raises quite a different problem in the matter of the "action of yeast on the sugar content of the blood." Tentatively, be it assumed that the ferment exercises some influence on ingested sugar. May it not be adduced that *Saccharomyces cerevisiæ* taken with sugar acts as a physiological catalist, breaking down the carbohydrate into alcohol and carbon dioxide, thus lessening the potential amount of sugar entering the circulation? If this be so, the yeast is not functioning as a pancreatic employee, but, indirectly, its custodian. In short, it is merely protecting the pancreas from what rational therapy excludes. Recent research shows that sugar is not completely contra-indicated in diabetes mellitus. In fact, in certain stages of the disease, especially in diabetic coma, it is given because the necessary store is depleted by reduction to acetone. But here, combined with sugar, insulin is injected in enormous doses. In the days of empirical treatment of diabetes, yeast was as commonly used as codeine. —I am, etc.,

JOHN SHIEL.

Dublin.

B.Pharm. Degree in India

SIR,—In the absence of legislation in India, naturally the public have not appreciated the value of the chemist; the prescription was dispensed at any so-called chemist's or drug store, especially at the cheapest. In India there are more than half a dozen systems of medicine prevalent: Unani; Vedic; Siddhi; Yogic; homœopathic; eclectic; herbalist; electro-homœopathic; biochemic and allopathic (modern). The last-named is the only recognised system of medicine, though semi-official recognition has been extended to Unani and Vedic systems recently. A practitioner of any of these unofficial systems is presumed to be a "graduate of pharmacy" or expert pharmacist in that system of treatment. The existing Acts do not lay any restrictions upon such practitioners, who are also allowed to sell various fraudulent degrees or diplomas besides practising their respective methods of treatment. The medical departments (civil and military) have had little or no difficulty in training their own dispensers, whose work had to be supervised by medical officers or medical subordinates. Now things are changing, slowly but surely. Besides a "chemist and druggist" class, with a two-years' course, at Madras Medical College, there is recently instituted a "dispenser and dresser" class, with a two-years' course, at Amritsar Medical School.

Benares Hindu University, however, has taken a lead in India by providing a three-year's course of studies leading to a Degree of Bachelor in Pharmacy. The same University has also formed an association under the name of the "United Provinces Pharmaceutical Association," registered recently under the Societies Registration Act of 1860. The office-bearers are: R.B. Dr. B. N. Vyas, Head of Pharmacology Department of K.G. Medical College, Lucknow (president); Dr. K. C. Pandya, Professor of Chemistry, St. John's College, Agra (vice-president); Professor M. L. Schroff, Head of Department of Pharmaceutics, B.H. University (secretary); and Professor N. K. Basu, Assistant Professor of Pharmaceutical Chemistry, B.H. University (treasurer). The aims and objects of the Association are, briefly: (*a*) To train, examine and grant diplomas or degrees to qualified persons; (*b*) to promote the cause of the art and science of pharmacy in all its branches; (*c*) to raise the status, outlook and ethics of pharmacists; (*d*) to participate in all legal matters of interest affecting the profession of pharmacy by proper representation in various bodies dealing with such matters; (*e*) to establish a laboratory for investigation of the indigenous drugs, etc.; (*f*) to publish books, journals, etc., promoting the knowledge of pharmacy in India. The membership of the Association is open to specified classes of persons. Nevertheless, India is still far behind in pharmacy, and has to go a long way before she can be compared with the Western countries, nay, even with the Eastern countries like Iraq, Palestine, Syria, Sudan, Egypt, etc. Shall we hope for better days in India for pharmacists, or have we still to take up many side-lines to earn our living under the name of chemist and druggist?—Yours, etc.,

M. Y. CHOWHAN.

Haft-Kel, S.W. Iran.

Points in Stocktaking

SIR,—Reflecting after stocktaking, the following points were brought painfully to my notice, as I have been out of business for some years. The makers' names were frequently omitted by the stocktakers and delay was thereby caused when pricing; also why, oh why, do not the makers put the retail prices of the goods on every article? Perfumers and sundries people are the worst; it is quite easy to sell a 1s. 9d. article at 1s. 3d., or a 1s. perfume for 6d., or a 1s. talcum powder for 3d. A good plan would be for all makers of 1s. 3d. articles to charge out at 25 per cent. off retail. It would save hours of time in invoicing and pricing. Foods and certain dog remedies might be at 20 per cent. off, with toilets and sundries at 33⅓ per cent. discount. Think of the hours chemists waste looking up the sale price of fancy powders! Let all such be put, say, under Schedule A, and chemists would gradually get to know that on such articles they were getting a living profit, consequently selling them with a smile. Under Schedule B could go those allowing 20 per cent. or less, it being the task of local bodies to endeavour to get these makers on to Schedule A; the makers of those not allowing a proper profit to be placed in a concentration camp, where they could be taught salesmanship until they were fit to be in business. Another important factor is to have the shop arranged alphabetically—drugs, patents, etc.; this makes the pricing so much easier, and is a blessing to a locum.

Yours, etc.,

VICTORY (3/11).

Putting Pharmacy "On the Map"

SIR,—That Pharmaceutical Society is extraordinarily diffident in approaching the general public direct. At the Liverpool Conference we were told that a public relations officer had been appointed who would speedily and effectively put pharmacy on the map. So far there has been no evidence that the P.R.O. is alive, yet the opportunities he has had for

securing "a good press" have been many and varied. I have a suspicion that his activities are being hampered by an over-careful and hypersensitive Council, shivering at the thought of offending medical men or Government departments. However that may be, there can be no question that we are missing the tide while other sections, more wide-awake, are taking full advantage of what Fate provides. This question of the national health campaign, for instance, gives an opportunity to an alert P.R.O., but are we seizing the opportunity? A clever advertisement appearing in the London newspapers points out that ". . . the function of the dispensing chemist in a great national scheme for health and fitness is to provide those aids, correctives and tonics which a doctor prescribes and those homely medicines which common sense suggests, and to provide them accurately, economically and in fresh condition." If that kind of thing can be put over discreetly on behalf of a company it should not be beyond the wit of a P.R.O. (aided by the concentrated wisdom of a committee), to produce something on the same lines for the benefit of the poor private chemist.—I am, etc.,

VACANCY (3/11).

Containers for Malt and Oils

SIR,—I see that a question was raised at a meeting of the Bradford and District Branch of the National Pharmaceutical Union, held recently, regarding the supply of malt and cod-liver oil to insured persons in cartons or glass jars and whether a charge could be made for the latter. It is evident from the remarks of many insurance customers that they prefer malt and oil in glass jars, and there is an impression that when it is supplied in cartons the product is of an inferior quality, although it must conform to the required standard; for these reasons I think it should always be sent out in glass. On the back of the prescription-forms there are printed instructions to the patient about the supply of containers. If a customer wishes his malt and oil to be dispensed in a glass container, why should he not pay a deposit on it as he would on a medicine bottle? There is the return of the jar and its cleaning to be considered, but I should think there are few chemists now who pack their own malt and oil, so that empties are returned to the wholesaler and in common with drug empties are thoroughly cleansed. The return of bottles by insured customers has for long been a sore point with the panel chemist, because it is difficult to insist on the clean condition. I have had bottles returned which had been issued five years previously, the length of time elapsed being proved by the writing on the labels; and under the contract the original amount of deposit has to be refunded. If one insists on them being properly cleaned before repaying the deposit the labels are washed off, and unless one uses a bottle of a distinctive type one cannot say for certain that they were obtained from the shop originally.—Faithfully, yours,

EXT. MALTI (4/10).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics

Committees and Team-Work

In view of the discussions that are going on regarding National Health Insurance dispensing and who shall arrange for future negotiations with the Department concerned, there appears to be a danger that too many committees will be appointed, and that the practical work done will be in inverse proportion to their number. Team-work, if it is to succeed, involves team-thinking.—*A. E.* (4/11).

"Respectable Chemists"

William Allen, I feel sure, chose deliberately the phrase "the respectability of chemists and druggists" in framing his resolution at the meeting at the Crown and Anchor Tavern in 1841 (*C. & D.*, October 23, p. 499). A study of the history of pharmacy in the early years of the nineteenth century will soon convince the reader that the drug sellers of those days often made pretensions to education and knowledge of drugs which could not be justified; and it was to found a Society for the purpose of protecting the permanent interests of an educated and cultured body of men that Allen and other pharmaceutical stalwarts founded the Pharmaceutical Society. There is no doubt that to-day members of the public regard pharmacists as a body of men who, by their education and desire to give service to the community, can be regarded with respect.—*C. C. E.* (1/11.)

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

P. A. G. (18/9).—KEEPING POTATOES WHITE.—The solution used for keeping peeled potatoes white is usually sodium bisulphate, about 2 per cent., sometimes with the addition of a little sulphur dioxide.

A. G. C. (29/10).—OPTICAL DIPLOMAS.—Details of optical associations granting diplomas were given in the *C. & D.* Educational Number (August 14).

Q. D. (29/9).—COURSES IN CHIROPODY.—Two-year courses are organised by the Incorporated Society of Chiropodists in London, Glasgow, Edinburgh and Manchester. The National School of Chiropody gives six months' full-time courses at Islington, London, and at Manchester, while the School of Chiropody, Leatherhead, offers home (correspondence) courses. Fuller details were given in the *C. & D.* Educational Number (August 14).

C. H. (3/11).—It is difficult to recommend a stain remover that will answer in a large variety of cases, but probably liquor sodæ chlorinatæ has the best claim as a universal stain remover. After the stain has been removed the place should be rinsed with plain water.

A. C. (3/11).—CEMENT DERMATITIS.—There is no satisfactory treatment for "lime" or "cement" dermatitis, unless the patient is prepared to give up his occupation altogether. In any case, an alteration of work is advisable. To clean the affected parts of skin a weak alkaline solution consisting of ʒj sodii bicarb. to 2 pints of water may be used, or sterile olive oil. Liniment of calamine may be applied and is often of great value (calamine 35 gr., olive oil and lime water of each half an ounce). Boric acid fomentations are used to treat septic infection and a mild mercurial ointment is of service (hydrarg. ammon., 10 gr., ung. paraffini, ℥j.).

T. S. (29/9).—SPIRIT REBATE.—The retail prices given in the *C. & D.* Retail and Dispensing Price List are calculated from separate cost starting-points on the basis of a satisfactory profit to the retailer. You could not, therefore, expect to obtain rebate on the basis of the difference in retail prices given in the List. Rebate is allowed at a uniform rate of £4 13s. 7d. per gallon of alcohol (90 per cent.) and you should claim at this rate.

H. V. E. (2/11) is requested to send his full address.

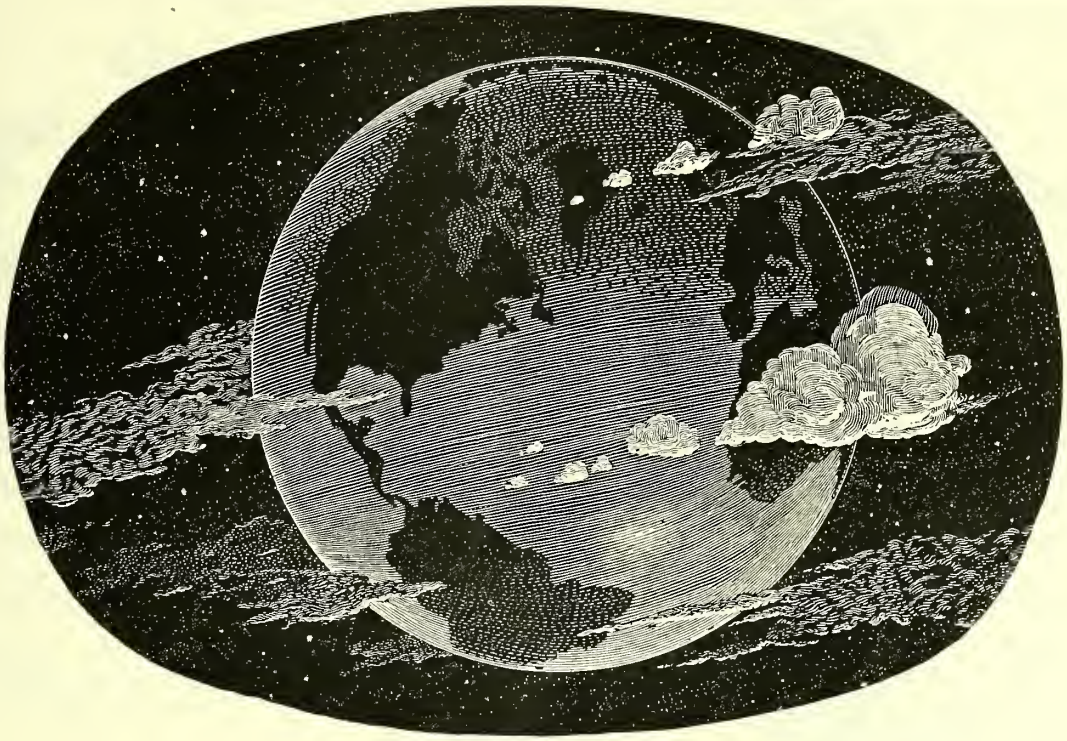
Zolak (2/11).—In preparing a syrup from soluble essence of lemon one should avoid the use of magnesia as a filtering agent, as it retains much of the flavour. A flannel bag is generally employed for clearing a syrup. If the flavour of the lemon syrup requires strengthening, a little terpeneless oil of lemon should be added.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," November 5, 1887

Apomorphine

Apomorphine was discovered in 1869 by Matthiessen and Wright, and was at the same time examined physiologically by Dr. Gee, who found it to be a powerful emetic. Yet it found no place in the Additions (1874) to the British Pharmacopœia, and was first officially recognised in the 1885 volume. The hydrochloride was then introduced, with the hypodermic injection as its only preparation. Had apomorphine continued to be used only as an emetic, that one preparation would have sufficed; but in recent years it has come into considerable use as an expectorant, hence the introduction of the *syrupus* into the Unofficial Formulary. This new preparation contains 5 grains of apomorphine hydrochloride in the pint, and the full dose is 1 fl. drachm (= $\frac{1}{32}$ grain of the alkaloidal salt). Apomorphine itself and neutral solutions of its salts rapidly become green and suffer decomposition by oxidation. Hence it is necessary to have a solution, which is intended to keep, distinctly acid. No acid does better than—perhaps none so well as—hydrochloric. It is, therefore, not surprising that the Formulary Committee should have adopted it. Yet acetic acid does very well as a preservative and, we fancy, would have been more appropriate in an expectorant syrup.



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TABLETS

(Compressed)

● Specialists for over 30 years in all kinds of Medicinal Tablets. Purity of Drugs and Accuracy of Dosage Guaranteed. Let us put up your own Speciality in Tablet Form. Secrecy of Formula Guaranteed.

***SPECIAL WINTER LINES*—COLD and INFLUENZA TABLETS and LOZENGES**

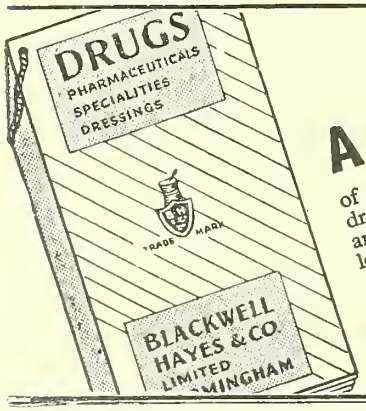
BRONCHIAL and COUGH LOZENGES ● ASTHMA and CATARRH TABLETS

THE IMPROVED "PREMIER" TABLET MACHINE

Will stand up to the hardest work. (Full instructions for making tablets with each machine.) **Price £14 - 14 - 0**
Power machine on stand **£20.** Also special machine electrically equipped with Motor, Starter, etc., in one unit **£35 - 0 - 0.**

BUCKLEY-BOWKER TABLET CO., LTD.

MANUFACTURING CHEMISTS & PHARMACEUTICAL ENGINEERS 29 Parkfield Street, London, N.1 *Telephone: Clerkenwell 1401*



A CATALOGUE

of drugs, pharmaceuticals, specialities, dressings, vaccines, sera, injections and sundries, analytical, bacteriological and microscopical requirements.

More than a catalogue—

AND HANDY REFERENCE GUIDE

For Home Trade only

If you would like a copy, please write to BLACKWELL, HAYES & Co., Ltd., Birmingham, whose 59 years experience in serving the medical profession is always at your command.

Winter photography is **HOME PHOTOGRAPHY** and

JOHNSON'S CHEMICALS

are in demand and influence sales

Do your local amateurs know you are a photographic chemist ?

We can help you to make an attractive display in your window of

AMIDOL and M - Q Packets, FLASHPOWDER, ACID FIXING, TONERS, FINE GRAIN Developers, etc.

Showcards and Display Cartons sent free on request; also Leaflets for Counter Distribution

JOHNSON & SONS, *Manufacturing Chemists Ltd.*

Hendon London, N.W 4

SOLAZZI

Liquorice Juice

The Chemist's Brand

Should any enquiries as to the composition of SOLAZZI be received from the Public, Chemists are requested to emphasise the fact that SOLAZZI is not included in the category of Secret Remedies, and that the following guarantee obtains with every parcel.

Solazzi Juice is guaranteed to consist entirely of the condensed extract of finest Calabrian Liquorice Root, without any admixture whatever

PETROLEUM JELLIES

PURFINOL

LIQUID PARAFFIN

TECHNICAL OILS

PURFINOL LTD.

BRETTENHAM HOUSE, LANCASTER PLACE, STRAND, LONDON, W.C.2

Telephone : Temple Bar 1318 & 1319

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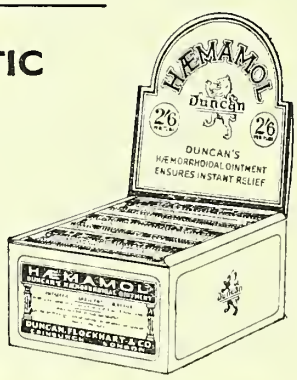
HÆMAMOL

DUNCAN'S HÆMORRHOIDAL OINTMENT

EMOLLIENT · SEDATIVE · ANTISEPTIC
— ASTRINGENT —



Hæmamol (Duncan) is a most useful preparation for the treatment of Hæmorrhoids. It is also extensively used for abrasions and irritations of the skin.

SAMPLE AND TERMS ON APPLICATION

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104 HOLYROOD ROAD, 8. 155 FARRINGDON ROAD, E.C.1

"Graesser" QUALITY

PHENOL

B.P.

in

ICE CRYSTALS DETACHED CRYSTALS
or LIQUEFIED

CRESYLIC ACID

META-PARA CRESOLS
ORTHO CRESOL
XYLENOL MIXTURES
etc., etc.

N. H. GRAESSER

The Chemical Works
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GRAESSER SALICYLATES LTD.

Manufacturers of

ASPIRIN, B.P.

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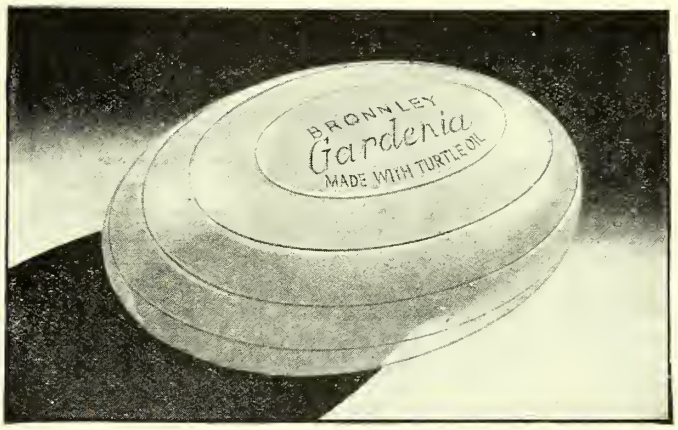
THE CHEMICAL WORKS
SANDYCROFT,
CHESTER

BRONNLEY 1-2-3 SOAP

made with Turtle oil



BATH SIZE :
In boxes of 3 tablets
90/- gross tablets
Available only for season's trade

Wrapped and coloured in pastel shades and assorted in the following fine BRONNLEY Perfumes :—

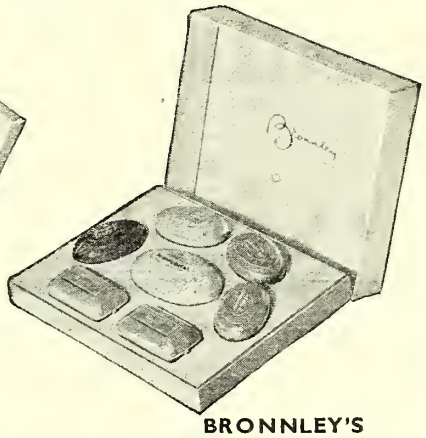
GARDENIA ENGLISH FERN HONEYSUCKLE
VERBENA LAVENDER SANTAL

BATH SIZE : In Boxes of 6. **86/- gross tablets** 1/- tablet

TOILET SIZE : In boxes of 12. **43/- gross tablets** 6d. tablet

BRONNLEY'S
SOAP AND CUBE CABINET No. 3
Containing two tablets of No. 123 Bath Soap in Lavender and Honeysuckle and 18 Bath Cubes.
46/- doz. 6/6 each retail

BRONNLEY'S
ENGLISH FERN
GENTLEMEN'S SET No. 2G
Containing Talcum Powder and Shaving Stick in elegant beatl container
42/- doz. 5/6 each retail



BRONNLEY'S
SOAP COFFRET No. 16
Containing an assortment of Bronnley's Bath and Toilet Soaps.
36/- doz. 4/6 each retail

BRONNLEY, LONDON

H. BRONNLEY & CO., LTD., ACTON VALE, LONDON, W.3

Hubbuck's Pure Oxide of Zinc

is made by sublimation and is warranted to contain upwards of

99·9 PER CENT.

of pure oxide; in fact, the impurities are not traceable

Thos. Hubbuck & Son, Ltd.

ESTABLISHED 1765

24 Lime Street, London, E.C. 3

MANUFACTURERS OF WHITE LEAD, WHITE ZINC, PAINT, OILS, COLOURS, VARNISHES, &c.

Australian Office: 34 *Queen Street, Melbourne*

Sold by the following Wholesale Druggists in Boxes of **7** *lb. and* **14** *lb. stamped by the Manufacturers: also in* **1**-*lb. Boxes and* **1**-*lb. Glass Bottles:*

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Evans, Gadd & Co., Ltd.
Evans Sons Lescher & Wehh, Ltd.
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May, Roberts & Co., Ltd.
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Potter & Clarke, Ltd.
Raimes & Co.
Raimes, Clark & Co., Ltd.
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Silversides, R. B. G.
Smith, T. & H., Ltd.
Southall Bros. & Barclay, Ltd.
Sumner, R., & Co.
Taylor, Jas. (Trongate), Ltd.
Thompson, John, Ltd.
Wilkinson & Simpson, Ltd.
Willows, Francis, Butler & Thompson, Ltd.
Woolley Jas., Sons & Co., Ltd.
Wright, Layman & Umney, Ltd.
Wyleys (Lim.)

Barry, E. J., New York
Finlay Dicks & Co., New Orleans
E. Fougera & Co., 90-92, Beekman Street New York
Chas. L. Huisking & Co., Inc., 155, Varick St., New York
Lehn & Fink, Inc., N. York
McKesson & Robbins, Inc., New York
Muth Brothers & Co., Baltimore
Palmers, Ltd., Montreal
S. B. Penick & Co., Inc., New York
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WE SPECIALIZE IN
THE MANUFACTURE OF

GALLIC ACID - PYROGALLIC ACID

PURE & TECHNICAL — RESUBLIMED, PURE CRYSTAL & TECHNICAL

WHOLESALE & EXPORT ONLY. Enquiries Invited

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX

TELEPHONE: RIPPLEWAY 2763 — TELEGRAMS: "GALLIC, BARKING."

Chemische Fabrik

JOH. A. BENCKISER, G.m.b.H., LUDWIGSHAFEN-ON-RHINE

TARTARIC ACID

IN POWDER CRYSTALS and GRANULATED

GUARANTEED IN STRICT ACCORDANCE WITH B.P.'32

ACID PYROPHOSPHATE OF SODA

Quality in all respects equal to Cream of Tartar, especially as regards stability of Baking Powder

ALKALOIDS

FINE CHEMICALS AND OPIUM DERIVATIVES

Goods covered by Dangerous Drugs Acts offered subject to all regulations

Aloin · Atropine · Bismuth Salts · Caffeine · Cantharidin Capsicin · Chloroform · Chrysarobin · Codeine · Diamorphine Emp. Canth. Liq. · Ephedrine · Ergotin · Eserine · Ethylmorphine · Gingerine · Hyoscyamine · Jalap Resin · Leptandrin Morphine · Opium · Podophyllin Resin · Salicin · Santonin Scammony Resin · Strychnine · Veratrine and other Pharmaceutical Chemicals and Preparations.

T. & H. SMITH LTD.

25 CHRISTOPHER STREET, LONDON, E.C.2

Blandfield Works, Edinburgh, 32-34 Virginia St., Glasgow

SCIENCE—A Universal Language

Our Products Are Universal - Because They Are Based on Science !

SANKYO COMPANY, LTD.

MUROMACHI, NIHOMBASHI, TOKYO

The Orient's Foremost Manufacturers and Suppliers of

Pharmaceutical, Agricultural and Industrial Chemicals, Clinical Thermometers, Glass Syringes, and other Medical and Surgical Instruments and Apparatus; also Agar-Agar, Camphor Oils and other various Japanese Staple Products.

Catalogue sent upon request

Cable Address : "DIASTASE" Tokyo **All Standard Codes Used**

BURNSIDE'S
AUSTRALIAN EUCALYPTUS OIL

(Shipped by W. K. BURNSIDE PTY., LTD., 34/36 JEFFCOTT STREET, MELBOURNE)

ALL B.P. GRADES

70/75% B.P.
A specially rectified Oil of high and very uniform Quality

Packed in Cases and Drums
STOCKS IN LONDON

80/85% B.P.
Distilled from E. POLYBRACHTEA
The finest B.P. Oil obtainable

All Grades can be relied upon to be Constant in Quality, Odour and Colour

15 PHILPOT LANE
LONDON, E.C.3

AGENTS FOR U.K.
WILSON & MANSFIELD, Ltd.

'Phone : MANSION HOUSE 9264-5-6
'Grams : WYFIELD, LONDON

WHOLESALE ONLY

What will you say to her to sell

BRAND'S ESSENCE?

When someone is sick, you can always confidently recommend Brand's Essence and be sure it will do good. Brand's gives strength, and stimulates appetite and digestion. It quickens recovery from illness and lessens the risk of dangerous developments. It is so palatable that patients take it readily even when they are so ill that the very thought of food is nauseating.

You can safely recommend Brand's in every kind of disorder and in even the most serious illness, because it puts no demands whatever on the digestive system, does not cause thirst in fever, and contains nothing that can possibly cause harm even in cases of gastric ulcer or kidney trouble when so many meat preparations must not be given.

Get your fair share of the rising sales of Brand's Essence by keeping good Brand's displays in your window and shop and being well informed about what Brand's Essence does. A booklet giving a full scientific explanation of Brand's Essence is gladly sent if requested.

BRAND & CO. LTD., MAYFAIR WORKS, VAUXHALL, S.W.8

"What would you suggest?"

Because 'Dettolin' is as agreeable in taste and smell as it is effective in destroying germs, its use as a regular mouthwash and gargle can be recommended with complete confidence. The pleasantness of 'Dettolin' makes gargling easy. Containing, amongst other ingredients, the active germicidal principle of 'Dettol,' 'Dettolin' does its work thoroughly, yet is gentle on sensitive membranes.

'DETTOLIN'

MOUTHWASH AND GARGLE

FORMULA

Dimethyl Chlor Phenyl Hydrate 1·02%, *Menthol* 0·12%, *Sapo Vegetalis* 0·5% *Tinct. Rosae Aromatica* 64·9%, *Elixir Glusidi B.P.C.* 6·0%, *Aqua dest. ad.* 100 *vols.*

PRICE **1/6**

RECKITT AND SONS LIMITED (PHARMACEUTICAL DEPT.) HULL.
LONDON: 40, BEDFORD SQUARE, W.C.1.

EXTRACT

of

Ipecac. Liq

B.P

and

B.P. 1914

LET US QUOTE YOU FOR YOUR SEASON'S REQUIREMENTS . . .

WHIFFEN

& SONS LIMITED

FULHAM • LONDON • S.W.6

TELEPHONE · FULHAM 0037
TELEGRAMS · WHIFFEN, LONDON

Incorporating GEORGE ATKINSON & COMPANY • ESTABLISHED 1654

NOV. 11

PLEASE GIVE A LITTLE MORE THIS YEAR

REMEMBRANCE DAY

W.B. DICK & CO. LTD

BY APPOINTMENT

PARAFFINUM LIQUIDUM B.P.
ALL SPECIFIC GRAVITIES GUARANTEED TO REMAIN BRIGHT AT 0° C

B.P. WHITE & YELLOW PETROLEUM JELLIES

WHITE AND HALF WHITE OILS

SEND FOR SAMPLES AND QUOTATIONS (WHOLESALE ONLY)

26 GROSVENOR GARDENS, LONDON, S.W.1
Telephone - - - Sloane 3461 (7 lines)
Telegrams - - - "Dicotto, Phone, London."
GLASGOW, LIVERPOOL, NEWCASTLE,
CARDIFF AND NEW YORK.

"QUALITY COUNTS"

G. E. THURLEY & SON
Specialists in Liquid Paraffin
UNITY WORKS, LATIMER ROAD, LONDON, E.7
Telephone: Maryland 4686

REGULARLY ADVERTISED AT PROTECTED FIXED RETAIL PRICES
• TEASDALE *BRAND*
11/- & 27/- per doz. CHLORODYNE
Dr. Lane's CATARRH CURE
12/-, 28/9 & 48/- per doz.
NATURE'S HERBAL OINTMENT
12/-, 28/9 & 48/- per doz.
• *NO SIGNATURE IS NECESSARY WHEN RETAILING TEASDALE CHLORODYNE* •
Supplied from stock by your usual wholesaler
THE TEASDALE CHLORODYNE CO., FITZWILLIAM STREET, HUDDERSFIELD

FERBER CAPSULES
BULK or PACKED

Apiol Capsules
Apiol & Ergotine Capsules
Blauds Capsules
Blenosan Capsules
Carbon Tetrachloride Capsules
Cascara Capsules
Castor Oil Capsules
Cinnamon & Quinine Capsules
Cod Liver Oil Capsules
Cold Cure Capsules
Copaiba Capsules
Creosote Capsules
Croton Oil Capsules
Ergot Capsules
Easton's Syrup Capsules
Gregory Powder Capsules
Guaiacol Capsules
Halibut Liver Oil Capsules
Hæmoglobin Capsules
Ichthyol Capsules
Malefern Capsules
Olive Oil Capsules
Quinine Capsules
Santal Oil Capsules
Wheat Germ Oil Capsules
etc., etc.

Manufacturers: Robert Ferber Ltd., Carlton Works, Asylum Rd., S.E.15

Another Sale for KORAY

Every ache is a call for this fast moving line...

Selling Koray Tablets is sound, profitable business in two ways. You're selling something good, and you're laying the bogey of indiscriminate distribution. Remember — only Chemists sell Koray

— and how they are selling!

KORAY Tablets retail at

3D 6D 1/3 & 2/6

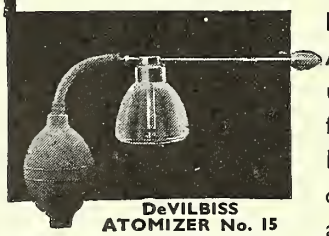
P. A. T. A.

Order through your usual wholesaler or direct from KORAY LIMITED, LONDON, N.5.

ACTUAL SIZE OF 6d. WALLET

KORAY BRAND TABLETS

PREVENTION IS BETTER THAN CURE



DeVILBISS ATOMIZER No. 15
This well-known nose and throat Atomizer sprays oil or aqueous solutions with equal ease. Adjustable tip permits spraying in any direction.

Every home needs one or more DeVilbiss Atomizers. DeVilbiss Atomizers have been used and prescribed by the medical profession for more than 45 years, and to-day the DeVilbiss range includes improved Atomizers of every required type. DeVilbiss Atomizers are reasonably priced, fully guaranteed and carry handsome profits. Conspicuously displayed, they stimulate the sale of medical and antiseptic solutions--and sell themselves.

Price list on application

DeVILBISS NEBULIZER No. 45
For oils only. Produces a large volume of extra dry vapour for deep inhalation.

ATLAS ATOMIZER No. 20
A compact and dependable nasal Atomizer producing a medium spray from either oil or water solutions.

DeVilbiss ATOMIZERS

ATLAS ATOMIZER No. 25
A nose and throat Atomizer of high quality for oil or water solutions. Gives a fine, continuous spray.

AEROGRAPH CO., LTD., 43, HOLBORN VIADUCT, LONDON, E.C.1 CVS-93

PARAFFINUM LIQUIDUM B.P.
HIGH VISCOSITY

TECHNICAL WHITE AND HALFWHITE OILS

WHITE PETROLEUM JELLY
PHARMACEUTICAL & TECHNICAL QUALITIES

HOLROYD'S
OIL & CERESINE CO. LTD.
3 NEW LONDON STREET, LONDON, E.C.3.

TELEPHONE: ROYAL 5126-7

TELEGRAMS: ERRIKOLROY FEN, LONDON

PHARMACY for the PHARMACIST

GENASPRIN 6d. and 2/-
THE SAFE BRAND OF ASPIRIN
THE "CHEMISTS ONLY" ASPIRIN

GENOZO BRAND TOOTH PASTE 6d. : 1/- : 1/6
THE "CHEMISTS ONLY" TOOTHPASTE

CYSTOPURIN 1/3 : 3/- : 5/-
THE "CHEMISTS ONLY" BACKACHE AND KIDNEY REMEDY

FISSAN BRAND ANAL OINTMENT 1/6
THE "CHEMISTS ONLY" PILE REMEDY

The above "Chemists' Friends" lines are being consistently advertised. Will you help our policy of "PHARMACY for the PHARMACIST" by displaying and by personal recommendation?

GENATOSAN LIMITED, LOUGHBOROUGH, LEICESTERSHIRE.

SERENOL

A new non-toxic biological

SEDATIVE

Indicated in conditions of anxiety and general irritability, insomnia, etc.

RETAIL PRICE 4/6 per 4 oz. bottle

No restrictions on sale

CONTINENTAL LABORATORIES LIMITED

30, Marsham Street, LONDON, S.W.1

Taxolabs, Sowest, London Victoria 2041

YOU CAN INCREASE —

— your turnover and secure greater profits by exhibiting the attractive PAG JUNIOR Show Stand in your window.

Many chemists throughout the country are already profiting by the constant demand for the RIDDELL Asthma Treatment — the treatment that has received the unqualified approval of the medical profession.

Write to-day for full particulars.

FRANCIS RIDDELL LTD.

AXTELL HOUSE, WARWICK STREET, REGENT STREET, LONDON, W.1.

constant TURNOVER consistent PROFITS

A CONSTANT turnover of the Beecham Products means consistent profits for your business.

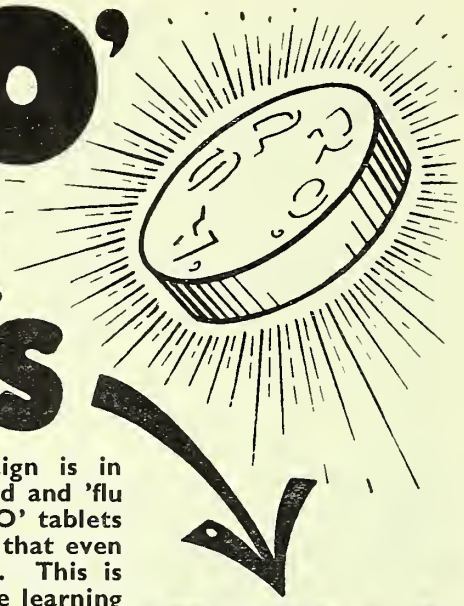
The four famous Beecham Products—Beechams Pills, Beechams Powders, Beechams Lung Syrup and Lactopeptine are your security for big business. They are the best known products in the trade and the most consistent profit makers.

Write for FREE show material

BEECHAMS PILLS LTD.

ST. HELENS, LANCS.

'ASPRO' WINTER ACTIVITIES



A specially intensive 'ASPRO' advertising campaign is in progress—it will be continued right through the cold and 'flu period. As during last year the demand for 'ASPRO' tablets is rising steadily week by week. There is every sign that even last year's rocketing sales figures will be exceeded. This is significant—it means that more and more people are learning the value of 'ASPRO' service.

'ASPRO' winter advertising comprises over £100,000 worth of newspaper space—widespread broadsheeting—and a vast distribution to chemists of window display material and selling aids. Years of publicity on this scale have created hosts of permanent 'ASPRO' users in every town in the kingdom. It's because of this that 'ASPRO' displays are the most powerful sales-makers in existence—use them and you bring in NEW customers. So take part in this great winter activity—

PRESS ADVERTISING IN 300 PAPERS

JOIN IN WITH A PERMANENT 'ASPRO' DISPLAY

BROADSHEETING OVER HALF THE COUNTRY

Here's the latest one

NEW SALES AIDS

AVAIL YOURSELF OF THE 'ASPRO' BONUS

BONUS ON 5's & 10's

One gross order ... Bonus 1 dozen packets
Half gross order ... Bonus ½ dozen packets
Half gross of either size is the minimum order accepted for bonus purposes.

BONUS ON 27's

One gross order ... Bonus 2 dozen packets
Half gross order ... Bonus 1 dozen packets
Quarter gross order Bonus ½ dozen packets
Quarter gross is the minimum quantity.

NO BONUS ON 60's

BONUS CONDITIONS—The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' advertising matter in his shop window for 14 days and sell at advertised prices. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices.

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made in England by ASPRO LIMITED, Slough, Bucks.

Telephone : Slough 608

ASPRO REG. TRADE MARK

No proprietary right is claimed in the method of manufacture or the formula.

"Dear Mr. Waide."

It occurred to us that you might be interested to know what other people think about us, so here are a few extracts from recent letters.

" I have nothing but admiration for the idealism and enthusiasm which you attach to business and I only wish more people would hold the same ideals and practise them as you do."

" Whilst I am writing it is perhaps not out of place for me to mention the highly satisfactory service and quality of work we have always received from you, and for honourable dealing, although your firm may be equalled, I am sure it cannot be excelled."

" It is impossible not to be impressed by your sincerity and enthusiasm and we are quite confident that all printing entrusted to you will receive the same care in design and reproduction as the booklet."

" The folders are delightful and strike that quality note which I particularly wanted, and if future jobs give me as much satisfaction as these folders I can see we are going to get along very nicely."

" We do appreciate your extremely good work and your most obvious desire to be of real service to us."

" This booklet seems to be a very striking example of one of your own precepts—the desire and the determination to do the job for the love of it—everybody here is delighted with the job."

" Many thanks for the label suggestions. We think these are excellent and the colour scheme in particular harmonises extremely well with the display material."

" You are certainly living up to your reputation for good work. The folders are splendid."

" Congratulations on the good work you are doing. We are full of admiration for the job you have turned out for us."

" This is a most unusual production and one of those truly delightful jobs which do not often come one's way these days. We shall look forward to your next effort with great interest."

" Even a cursory glance is quite sufficient to show the skilful work you have put into this job."

" I appreciate your valuable co-operation tremendously, and I would like to congratulate you on the most interesting suggestions you have submitted."

" It is always a pleasure to handle work of this description because it is so extremely good."

***for helpful printing see* WAIDE'S**

THOMAS WAIDE & SONS LTD. ★ PRINTERS AND LITHOGRAPHERS ★ KIRKSTALL HILL ★ LEEDS 5

A WINNER FROM THE START

Frommag

REG. TRADE MARK

Chemical Contraceptive Products

The big demand from chemists for the Frommag products is very gratifying. Dealers can be sure that these products will find a ready sale.

The "FROMMAG" CHEMICAL CONTRACEPTIVE PRODUCTS are made to conform to the latest requirements laid down as necessary by gynæcologists and leading research workers on contraception.

The preparation is under strict pharmaceutical and analytical control.

The sale of FROMMAG CHEMICAL CONTRACEPTIVE PRODUCTS is restricted to chemists and druggists only.

TRADE AND RETAIL PRICES:

FROMMAG NON-GREASY SOLUBLE PESSARIES
Large Size: 30/- per Dozen Boxes. Retail: 4/- per Box.
Small Size: 16/- per Dozen Boxes. Retail: 2/- per Box.
One Dozen pessaries in each box.

FROMMAG NON-GREASY CONTRACEPTIVE JELLY
18/- per Dozen Tubes. Retail: 2/6 per Tube.

FROMMAG NON-GREASY LUBRICATING JELLY
12/- per Dozen Tubes. Retail: 1/6 per Tube.

FROMMAG COCOA BUTTER PESSARIES
18/- per Dozen Boxes. Retail: 2/6 per Box.
One dozen pessaries in each box.

FROMMAG DOUCHING POWDER
18/- per Dozen Boxes. Retail: 2/6 per Box.
Two dozen capsules in each box.

FROMMAG PRESERVATIVE DUSTING POWDER
7/- per Dozen Tins. Retail: 1/- per Tin.

Ask our Representative to show you these New Lines

Made in England in the laboratories of

HERBERT FROMM

MANUFACTURERS AND SOLE DISTRIBUTORS

29/31 Oxford St., LONDON, W.1

[44/28]

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

NOVEMBER 6, 1937

URGENT REMINDER

To those who have not yet arranged their space in

THE CHEMIST & DRUGGIST DIARY & YEAR-BOOK for 1938

The last section of this important publication MUST GO TO PRESS ON NOVEMBER 10th.

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2.—MIDDLESEX (FEW MILES OUT).—High-class Business and Branch for disposal; total takings about £5,000 per annum; net profit about £1,000 per annum; valuable stock and fixtures; living accommodation available; inclusive price £4,000.

3.—WEST END (NEAR).—High-class Business situate in excellent position; takings well over £3,000 per annum; excellent profits; stock worth about £1,000; moderate rent and rates; long lease; valuation terms entertained.

4.—WIMBLEDON.—Family and General Retail Business with Wine Licence; takings for this year about £4,000; double-fronted shop in main road; living accommodation; reasonable rent; price £2,250 to include book debts.

5.—DEVONSHIRE COAST.—General Retail Business for sale owing to retirement; in present proprietor's hands 36 years; net profit nearly £500 per annum; new lease at £110; sub-let £65 per annum; price £500 for goodwill, stock and fixtures at valuation; exceptional opportunity.

6.—EASTERN COUNTY.—General Retail Business with Panel; turnover about £1,200; net profit about £350 per annum; attractive fixtures and good, clean stock; nice living accommodation available; cultivated garden; new lease at £52 per annum; price £850.

7.—ESSEX COAST.—Good Middle-class Retail Business with Toilet Trade, also Wine Licence; very old-established; net profit to managing proprietor about £600 per annum; excellent position occupied; spacious living accommodation; property also for disposal; further particulars upon application.

8.—EAST GRINSTEAD (NEAR).—Good-class Country Retail Business for sale owing to extreme ill-health; turnover last year £2,100; good profits; valuable agencies attached; comfortable living accommodation; rent only £50 per annum; price required £1,500; worth attention.

9.—MILL HILL (NEAR).—General Middle- and Working-class Cash Retail Business; takings last year £2,633; net profit £633; accountant's figures; heavy Panel; long lease; inclusive purchase price £1,500.

10.—WEST OF ENGLAND.—Two Businesses for sale, one conducted as a Drug Store; returns £1,220 and £1,440 per annum respectively; good profits; excellent positions occupied; reasonable rents; further particulars upon application.

11.—STAFFS (IMPORTANT TOWN).—Old-established General Retail Business with mixed trade; turnover nearly £3,000 per annum; good profits; excellent dispensing connection; corner premises; stock and fittings worth about £900; valuation terms entertained.

12.—LONDON, E.C.—City Business with good Photographic connection and mixed toilet trade; returns last year £2,125; lock-up shop; reasonable rent and rates; stock worth about £350; price for quick sale £750.

13.—HERNE HILL (NEAR).—Good-class Retail Business with Photographic; old-established; returns last year £1,260; net profit £300; valuable stock and fixtures; living accommodation available; rent £90 per annum; price £350, plus stock at valuation to suit purchaser.

14.—MAIDA VALE (NEAR).—General Retail Business, medium-class trade; turnover £36–£40 per week; single-fronted shop in main road; stock worth £300–£400; valuation terms entertained.

15.—NUNHEAD (NEAR).—Very old-established General Retail Business for sale owing to retirement; scope for considerable increase in the hands of a younger and energetic proprietor; returns last year £712; net profit about £5 per week; opening for Photographic; living accommodation available; rent £65 rising to £70 per annum; reasonable purchase price.

16.—FINCHLEY (NEAR).—Main-road High-class Retail and Dispensing Business, established 30 years; net profit about £700 per annum; valuable lease; National cash register; inclusive purchase price required £2,000.

17.—S. WALES (DEATH VACANCY).—General Retail Business; net profit £400 per annum; fixtures worth £300; heavy stock; new lease; inclusive purchase price £750, or valuation terms entertained.

18.—EARLS COURT (NEAR).—Very Good-class General Retail Business; takings including sub-lets £2,100 per annum; excellent profits; large double-fronted, corner shop, heavily stocked; fixtures worth about £350; rent £175; sub-let £230; offers invited.

19.—DORSET.—Ill-health necessitates immediate disposal of Good-class Country Retail Business; scope; turnover over £1,400 per annum; heavy stock; mahogany fixtures, worth about £500; premises can be purchased or leased; price required for the business £1,000, which is very much less than the value of the stock and fixtures.

20.—HANTS COAST (RETIREMENT VACANCY).—General Retail Business, in present hands 30 years; takings last year £1,542; excellent site; nice living accommodation over; full particulars upon application; stock and fixtures worth £1,000–£1,100.

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Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

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Telephone: Walsall 3774

Lancashire and District Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone: Great Moor 2405.

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) WILLESDEN (NEAR).—Main-road business, which has been very profitably run on "store" lines; turnover for 1936–37, £2,976; gross profit, £990; net, £702; living accommodation; owner taking up lucrative position outside pharmacy, and must sell as quickly as possible; price about £1,600; reasonable offer considered.

(C2) EDGWARE (NEAR).—Well positioned; turnover for 1936–37, £2,633; gross profit, £1,046; net, £633; certified accounts; up-to-date flat; price £1,500 all-at.

(C3) HERTFORDSHIRE.—Pharmacy with modern flat above, situated in increasing and improving area; turnover upwards of £2,700 per annum; property can be purchased or taken on lease; price by negotiation.

(C4) ENFIELD (NEAR).—Steadily increasing middle-class business; turnover (certified), 1936–37, £1,939; gross profit, £730; net, £475; living accommodation; rent £78; price £1,100 or near offer.

(C5) MIDDLESEX.—Progressive modern Pharmacy with flat above; turnover nearly £2,000; sub-post office, in addition, brings in a good salary; no near opposition; price £1,250 or near offer.

(C6) LONDON, E.C.—City Business with increasing turnover, now at the rate of about £2,200 per annum; no week-end duty; genuine reason for selling; price £750 all-at.

(C7) COMMERCIAL ROAD.—Opportunity to acquire prominently situated business for value of stock and fixtures only; reasonable overheads; excellent prospects; price about £600 (slightly less for cash) or £350, and remainder over twelve months.

(C8) NORTH WALES.—Returning about £1,000 per annum with good scope for increase; living accommodation; low rental; no near opposition; price £250 all-at.

(C9) CHESHIRE.—Very old-established; in present hands 60 years; turnover nearly £2,400; entirely unopposed; living accommodation if required; price £2,250, including stock £1,000; an important feature of this business is its potentialities, which are excellent and considerable.

(C10) WEST END.—Very old-established; turnover for 1936–37, £2,676; gross profit £1,532; net profit to working proprietor, £862; certified accounts; price £1,250 all-at.

(C11) BAYSWATER (NEAR).—Old-established; good-class; main road position; turnover £2,500–£2,750; net rent £90; excellent scope; price £1,350; alternatively partnership on basis proportionate to investment (£400–£700).

(C12) WILLESDEN.—Lock-up Pharmacy, well established; turnover for 1936–37, £1,063; gross profit £396; price £400 all-at (stock and fixtures only).

(C13) LONDON, S.E.—Drug Store with excellent scope for N.H.I.; rent £65; sub-let £108; lease 19 years; present returns about £17 weekly; price £375 all-at.

(C14) SUSSEX. — Turnover 1936, £2,100; rent and rates £65; living accommodation; garage; stock and fittings estimated £800; price £1,400, or reasonable offer.

(C15) NEWCASTLE-ON-TYNE.—Modern Pharmacy with house attached, situated in shopping parade; returns about £23 weekly; reasonable rental; price about £350 all-at.

(C16) ENFIELD.—Attractive main road; up-to-date flat; good scope; returns £1,300; price £850 or offer.

(C17) WALHAM GREEN (NEAR).—Well established with increasing turnover; returns for 1936, £1,262; gross profit £478; rent £58 per annum, including living accommodation; no Sunday duty; price £820 or near offer.

(C18) HARROW (NEAR).—Main road; situated in growing district; turnover £2,092; gross profit £803; living accommodation; price £1,250 or near offer.

(C19) SUFFOLK.—Good-class business with excellent house; main road position, the value of which is likely to increase substantially; present returns upwards of £1,250; stock £500; price £850, or near offer.

(C20) STOKE NEWINGTON.—Increasing turnover, now about £30 weekly; large house; low rental and price; good scope.

(C21) CUMBERLAND (GOOD BUSINESS TOWN).—Turnover nearly £1,500; well positioned; rent £65; living accommodation; first reasonable offer accepted, as quick sale desired.

(C22) NORWOOD (NEAR).—Main road, with living accommodation; turnover £1,260; gross profit £490; net £350; rent £90; price £360, S.A.V.; stock can be reduced to suit purchaser.

(C23) WILTS (RETIREMENT VACANCY).—Family business with large house; very low overheads; under present ownership for past 35 years; stock and fixtures £550; price £600 all-at; part might remain.

(C24) BERKSHIRE (WHOLESALE). — Well-established; turnover upwards of £6,000; net profit £450/£500; living accommodation on premises; stock and fixtures estimated at £1,250; price £2,000; near offer considered.

(C25) WORCESTER PARK (NEAR).—Attractive modern Pharmacy with up-to-date flat; turnover £2,350; stock and fixtures £700; price £1,100 all-at; rapidly growing district.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates. Agency for locums, managers, etc.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED
(Business Agency, Transfer & Valuation Department)
KIMBERLEY HOUSE, Holborn Viaduct, LONDON, E.C.1 *and at* EXCHANGE CHAMBERS, 2 Bixteth St., LIVERPOOL.
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Personally conducts VALUATIONS for purchase, sale, partnerships, probate, and Income Tax purposes, in all parts of The British Isles. BUSINESS TRANSFERS undertaken, INSURANCES effected, MORTGAGES arranged. *Enquiries courteously invited.*

BUSINESSES FOR DISPOSAL

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

EDINBURGH.—Old-established Business for disposal; turnover £1,000; moderate ingoing; proprietor retiring. Full particulars to 314/434, Office of this Paper.

KINGSBURY, N.W.9.—Business of Chemist, Druggist and Optician for immediate disposal; well-established business; premises held on lease with 15 years unexpired; annual rental £325; two flats above shop available for letting; well stocked and excellently fitted premises; offers invited. All inquiries to be made to Association of Manufacturing Chemists, Ltd., Kimberley House, Holborn Viaduct, London, E.C.1.

MANCHESTER, Main Road.—Business same hands 37 years, previous owner 24 years; valuation of stock and fixtures for quick sale; property for purchase or agreed rent. 245/2, Office of this Paper.

NORTH-WEST LONDON.—Excellent opportunity for enterprising Chemist to acquire increasing business with living accommodation, situated in main thoroughfare; turnover nearly £3,000 per annum; net profit £700; quick sale desired, and first reasonable offer accepted; the business has been run on "store" lines and is not of the good-class variety; genuine reason for selling. 314/441, Office of this Paper.

SOUTH COAST.—Drug Store, excellent position main road; trade last year over £650 cash; would show immediate increase under Qualified management; 2,000 dwellings on voting register and building development in progress; nearest chemist half mile; modern Shop and accommodation; rent £75; freehold £1,250; retail value of stock about £350; owner retiring and desires quick disposal; will accept nearest offer to £400, all in. Goldsmith, The Broadway, London Road, Purbrook, Portsmouth.

SOUTH WALES.—Well-established Business, specialising Surgical, for sale (reason, death); excellent opportunity. Inquiries, 314/428, Office of this Paper.

YORKSHIRE.—Old-established Business, situate main street of mining district; double-fronted, lock-up premises; small rent; approximate returns £15 weekly, capable of increase; stock £250; low price for quick sale. For further particulars apply The Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool.

ALL Overhead Charges met by Subsidiary Business. Exceptionally good opportunity for fully Qualified Chemist to start in main-road position without fear of failure. To those interested and wanting proof of this advertisement, write or call (Sunday no objection) to Owner, 12 Carbery Row, Southbourne, Bournemouth. Alight Irving Road bus stop. Telephone, Southbourne 1231.

CHEMISTS' and Druggists' Business for Sale; over £700 gross profit; can be purchased out of income; good business; must be sold; low expenses; scripts average 360 per month; turnover £1,632. 314/424, Office of this Paper.

DEATH VACANCY.—Old-established Chemist's and mixed trade; double-fronted shop and house to let at once; rent 50s. weekly, rates additional; stock at valuation; no other Chemist within a radius of 6 miles. E. N. Howe, Eynsham, Oxon.

EXCEPTIONAL opportunity for Qualified Chemist; Drug Store, on rapidly developing estate in an industrial area; large shop with modern fixtures; reasonable price. Apply 244/7, Office of this Paper.

FOR Sale as a Going Concern; well-established Chemist's business in a Manchester suburb; turnover £2,000 per annum (including N.H.I., £150 per annum); double-fronted Shop, well fitted and stocked; rental £75 per annum; lease can be arranged; fixtures £150; goodwill, best offer; stock at valuation. For further particulars apply Messrs. Linders Myers & Pariser, 7 Brazennose Street, Manchester 2, or Messrs. Poppleton & Appleby, 31 Lloyd Street, Manchester.

FOR SALE.—Old-established, well-known West End Business; easily worked; good profits. 247/9, Office of this Paper.

OLD-ESTABLISHED Business, N.W. London, for disposal owing to illness; annual turnover £800; price £650 all in, including living accommodation. Apply Bettson, Fielder & Co., 1/2 Gt. Winchester Street, London, E.C.2.

BUSINESSES WANTED

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

WANTED to purchase for cash, Drug Store or Chemist's Business taking about £10 per week; must be cheap; London preferred, but not essential; no living accommodation required; send full particulars; information received treated as confidential; vendor must be prepared to sell through a reputable agent; stamped envelope requested. 247/45, Office of this Paper.

PREMISES TO LET

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

DAGENHAM

IMPORTANT MODERN SHOP, with spacious upper part and yard in rear available at moderate rental in busy cash market. Apply:

HERRING, SON & DAW,

117 Victoria Street, S.W.1.

VIC. 3177/8.

LOUGHBOROUGH.—Shop to Let; excellent position amongst good-class businesses in Market Street; Staybrite steel front; new premises; moderate rent, £70 per annum. Apply Gartons, The Mart, Loughborough.

MITCHAM.—First-class Shopping Centre; 34 Modern Shops to Let in Monarch Parade (several already let); opening for most businesses, especially Chemist; 70,000 people to be catered for; low commencing rentals. Call Letting Office, 28 Monarch Parade, London Road, Mitcham, or 'phone Mitcham 3060 and Mayfair 4651.

NEW MALDEN.—Excellent Shops to be Let or Sold, each with two Flats over; situated in centre of new estate which is about a mile from nearest shops. Box No. 6, Homefinders, 74 Victoria Street, S.W.1.

NORTH CHEAM.—Few excellent Shops and Flats to be Let or Sold; surrounded by new estates and on main road. Box No. 6, Homefinders, 74 Victoria Street, S.W.1.

GOOD opportunity for Chemist to rent or buy premises recently occupied by Chemist, Altrincham (Cheshire) district. Henshaw & Co., Chartered Surveyors, 55 Brown Street, Manchester, 2.

SHOP and upper part, East Sheen; 3 months' rent free to responsible tenant; good main-road position in well-established shopping centre; all newly decorated and shop front fitted; rental £175. Write Box 8241, c/o Good Advertising, 175 Regent Street, W.1.

SHOP TO LET.—Principal shopping street, Fareham, Hants; exceptionally suitable for Chemist; no other near; sure living; next to café and costumiers; living accommodation if necessary; rent for shop only, 21s. per week, exclusive. Apply Mr. A. Munday, Mitchell's Café, 175 West Street, Fareham, Hants.

TO LET.—Lock-up Shops in busy neighbourhood, near main road, suitable for Chemist or Patent Medicine Distributor; rent moderate. Apply 100 Westminster Bridge Road, S.E.1.

UNIQUE opportunity for Chemists and Druggists; unparalleled opportunity for enlarging existing business or excellent opening; moderate rent and landlords will give special facilities to good tenant. Write at once to David Ainslie & Co., Ltd., 37 Panton Street, Haymarket, S.W.1, or phone for appointment to view, Whitehall 1821.

AGENCIES

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

INDIA AND BURMA.—London Exporters, with Agents principal cities and intimate knowledge local marketing conditions, seek Agencies for Patents, Specialities, Toilet Preparations, etc.; indents confirmed and paid for here. Replies, "Bismuth," 238/2, Office of this Paper.

LANCASHIRE and Yorkshire.—Advertiser, 16 years' experience with Chemists and Drug Stores, also good trade with Co-op. Chemists, seeks Agencies; would consider C.F. lines. 246/10, Office of this Paper.

SOLE Agency required for well-known Patent Medicines for distribution in Colombo; prosperous trade transacted through Retail Chemists situated in important centres of Colombo. Write to 246/6, Office of this Paper.

SOLE Agency rights for Great Britain granted to reliable firm prepared to market on its own account full range high-class French imported Perfumes and Toiletries already enjoying good distribution throughout country. Write P.C.B. 262/24, Office of this Paper.

TO OWNERS OF PROPRIETARIES

AN up-to-date, progressive house of Manufacturing Chemists, with a large, fully-equipped factory in London, invites enquiries from principals for the MANUFACTURE, PACKING AND DISTRIBUTION of Proprietary Pharmaceutical Preparations. Manufacturing Dept., 64 Hatton Garden, London, E.C.1.

BUSINESS OPPORTUNITIES

U.S.A. Manufacturer desires British Lines. A well-known American firm, established 1872, with large manufacturing facilities and with a sales force of 40 men covering principal drug outlets (all types) East of the Mississippi, desires to negotiate for established British Drug and Toilet Goods Lines for representation in U.S.A. General Sales Manager of firm now in London. Box 314/426, Office of this Paper.

PARTNERSHIPS

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

PARTNER wanted for established Surgical Appliance, Massage, Ray Treatment and Chiropody practice; one with knowledge of one or more of these, or willing to learn; salary in accordance with capabilities, and share of profits dependent on amount of capital available. 247/29, Office of this Paper.

APPOINTMENTS

SURREY COUNTY COUNCIL PUBLIC HEALTH DEPARTMENT.
SURREY COUNTY HOSPITAL, KINGSTON.

Assistant Female Pharmacist.

APPLICATIONS are invited for the appointment of Assistant Female Pharmacist (non-resident) at the above Hospital at a commencing salary of £200, rising by annual increments of £5 to a maximum of £225. Applicants must be registered as Pharmaceutical Chemists or as Chemists and Druggists.

The post is designated under the Local Government and Other Officers Superannuation Act, 1922.

Applications, stating age, qualifications and experience, accompanied by copies of not more than three recent testimonials, should be sent to the Medical Superintendent, Surrey County Hospital, Wolverton Avenue, Kingston-upon-Thames, so as to reach him not later than November 10, 1937.

DUDLEY AUKLAND,
Clerk of the Council.

November 4, 1937.

REPLIES FROM ADVERTISERS

THE Board of Management of the Scunthorpe Co-operative Society, Ltd., desire to thank the applicants for the position of Qualified Chemist as Branch Manager, and to state that an appointment has now been made.

SITUATIONS OPEN

RETAIL (HOME)

6s. for 40 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BRISTOL.—Qualified Assistant to act as Manager; middle-class and N.H.I. Dispensing. Give particulars of experience, when disengaged, age and salary required, 314/444, Office of this Paper.

LONDON.—Qualified Assistant, married man preferred (with view to management), required; knowledge of Photography essential. Apply by letter, stating age, experience, when free, and salary required, to the Secretary, Shadforth Prescription Service, Ltd., 49 King William Street, E.C.4.

MIDLANDS.—Smart Unqualified Junior (23-28), also Qualified Assistant, same age, for old-established high-class Dispensing business; applicant must be capable and industrious and good Window-dresser; please enclose photo and usual details of experience; progressive position, with good salary. 314/443, Office of this Paper.

SURREY.—Qualified Lady required at once, with good Counter experience; small N.H.I.; comfortable permanency for suitable applicant. Write, stating age, experience, salary required, 67 Sherwood Park Road, Mitcham.

ASSISTANT Pharmacist (man or woman, age under 40) required by London County Council at the Maudsley Hospital (for curable mental and nervous disorders), Denmark Hill, S.E.5; must possess Pharmaceutical Society's Qualification; salary £220, rising to £275 a year; pensionable. For application form, returnable by November 17, send stamped addressed foolscap envelope to Chief Officer (B), Mental Hospitals Dept., Shell-Mex House, Strand, W.C.2. Marriage terminates service in case of women. Canvassing disqualifies.

PHOTOGRAPHS, TESTIMONIALS, &c.

When replying to advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. Many of these announcements produce an exceptionally large response and, as can be readily understood, the task of returning photographs, testimonials, &c., is one of some difficulty.

ASSISTANTS, two, Unqualified (male) for branches in North and South London; good prospects for smart and capable men. Kindly give full particulars experience, age, when free, and salary expected; interview preferred, but not essential. 247/31, Office of this Paper.

BRANCH Manager, M.P.S., required by Pendleton Co-operative Society (Salford); state salary, age, experience and when disengaged. Apply The Secretary, P.C.I.S., Ltd., 3 Mill Street, Salford, 6.

JUNIOR or Improver (age about 20), for good-class suburban Pharmacy, S.W. London; salary £2 per week. Particulars of apprenticeship, etc., height, and photo if possible, to 244/3, Office of this Paper.

JUNIOR or Improver (male) required immediately (age 18-21); quick and accurate Dispenser with good general experience. Apply by letter, stating usual particulars, or in person, O. Tobin, Ltd., 49 Harford Street, Mile End, E.1.

M.P.S., Lady or Gentleman, required for London, S.E.; permanency with good prospects. Please give full particulars and salary required in first letter. Apply "Henry," 225 Goldhurst Terrace, South Hampstead, N.W.6.

PART-TIME, Qualified, few evenings a week; efficient Dispenser essential; Earls Court. 247/52, Office of this Paper.

PHARMACY.—Temporary female Assistants required for Christmas sales period, south-western and south-eastern districts; knowledge of Toilet and Fancy goods only necessary. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Note.—Canvassing of members of the General Committee or officials will disqualify.

QUALIFIED Assistant for Counter and Dispensing duties for Glasgow. Apply, with full particulars, age, experience, salary required, to Lewis's, Ltd., Argyle Street, Glasgow.

QUALIFIED Lady Assistant, Kensington; experienced on Toilet Counter; state age, experience, salary required and date disengaged; enclose photograph if possible (returnable). 314/436, Office of this Paper.

QUALIFIED Lady; comfortable berth; South Devon. Usual particulars to 314/429, Office of this Paper.

QUALIFIED, Sussex; moderate salary; opportunity for small financial interest in progressive business if desired, but optional; full particulars and when free. 247/6, Office of this Paper.

REQUIRED at once, Improver for Dispensing and Counter. Give details experience, references and salary required in reply, Baker & Fairhead, Chemist, Colchester.

UNQUALIFIED Assistant wanted; good Counter man with fair knowledge of Photography and Window-dressing; permanency and good prospects; references must bear strictest investigation. Apply by letter to W. H. Green (Chemists), Ltd., 28 Earl Street, Coventry.

UNQUALIFIED Young Junior (male) Assistant wanted immediately; permanency; must be of good appearance, trustworthy and capable. Apply personally to The Manager, Williams (Cash Chemists), Ltd., 14A Argyll Street, Oxford Circus.

WANTED at once, competent Assistant (about 30); tall, good address, married; well up in Dispensing and Counter, for good middle-class business in West Midlands; must be keen, energetic and capable of taking charge; flat rent free. Please give full particulars in first letter of experience, age, height, salary, when free, and photo, to 247/43, Office of this Paper.

WANTED, capable Assistant (male) with good general experience of Counter and Dispensing; particulars as to age, previous experience, salary, and when free, by post (without enclosures) to Harold Lyon, 18 Formosa Street, Warwick Avenue, W.9.

WANTED.—Experienced, Qualified, Welsh-speaking Dispenser and Book-keeper for North Wales town practice. Apply 242/3, Office of this Paper.

YOUNG Qualified Manager required end of month for neglected business; good scope for improvement. State age, height, experience, and salary required. 314/445, Office of this Paper.

YOUNG Unqualified Assistant or Improver wanted, for first-class Dispensing and Light Retail business, 25 miles from town. Give full particulars and state salary required in first letter, C. Gilling, B.Sc., Pharmaceutical Chemist, Sunningdale.

WHOLESALE

A VACANCY will shortly occur in the Factory of a well-known Pharmaceutical London House. Applications are invited from Young Qualified Men, preferably with previous experience in the modern methods of Cosmetic Manufacture. Applications will be treated in strict confidence. Write, stating age, experience and salary required, to J. G. B., 314/433, Office of this Paper.

ADVERTISER wishes to find an ambitious young man (about 30) who has had two or three years in a sales office, as well as a creditable sales record in the proprietary field; he will assist a Sales Manager in directing policy and supervision, as well as be responsible for Sales and Displays over a small sales area; this position offers bright prospects to a really live young man. Send all details and name, commencing salary, to 314/430, Office of this Paper.

ADVERTISERS require a live Representative for Birmingham and Midlands; payment will be made by a good commission to commence, but other terms arranged on proof of capabilities; existing connexion will be handed over. Write 314/442, Office of this Paper.

CHEMIST.—A firm of Manufacturers require the services of a Qualified Man, who is experienced in the manufacture of Flavouring Essences. State full particulars of experience, age and salary required; all communications treated as strictly confidential. Reply to 246/16, Office of this Paper.

COUNTER-HANDS wanted for Manufacturing Chemists and Druggists, Manchester district. Applicants must be experienced in Wet and Dry Room work. Apply by letter, stating age, previous experience and wage required, 314/427, Office of this Paper.

JOHN RICHARDSON & CO., LTD., Evington Valley Road, Leicester, require the services of a capable Assistant for the Dry Room, with experience in handling Dangerous Drugs; Qualified preferred. Apply 62 Evington Valley Road, Leicester.

MANAGER for Packed Goods Department; must have thorough up-to-date knowledge of export work and capable of designing labels and writing literature for Packed Goods. Apply by letter, stating full experience and salary required, C. R. Harker, Stagg & Morgan, Ltd., London, E.1.

MEDICAL PROPAGANDA.—Qualified Pharmacists required as Representatives for Scotland by progressive company marketing Nationally Advertised products. Candidates with previous experience of this work will have preference, although others with suitable qualifications will receive consideration. Progressive positions available. Younger Qualified Men for training also required. Apply in first instance stating age, experience, salary expected; enclose recent photograph, to 314/439, Office of this Paper.

REPRESENTATIVES required for Birmingham and Midlands, and Lancashire and Northern Counties, by established Toilet Preparation Manufacturers of nationally known articles (age about 30); only capable men, experienced in calling on Chemists, Hairdressers, Stores, need apply. Write, stating full particulars of previous experience, salary, etc., required, to 314/432, Office of this Paper.

REQUIRED for the Midlands; experienced Representative to call on Doctors, Hospitals, etc., in connexion with Medical Preparations of outstanding merit. Apply, giving full particulars as to age, experience, salary, to 314/431, Office of this Paper.

TRAVELLER required, work large range Sundries in Oxford, Bucks and Beds; must have connexion with Chemists and Hairdressers and possess car. Apply 247/48, Office of this Paper.

WANTED.—Practical Chemist having thorough knowledge of Essence-making and matching for Mineral Waters and Confectionery, also of Essential Oils and testing same; applicants must state qualifications, service with present and previous firms, with names of employers, age, salary required. Apply 244/5, Office of this Paper.

WHOLESALE.—Qualified Chemist with Manufacturing experience; capable of taking charge of Pill and Tablet Departments. Apply, stating age and experience, also salary required, to Wyleys, Ltd., Wholesale and Manufacturing Chemists, Coventry.

YOUNG Man (about 21), with some experience of Drug Processes and Costing, required by Manufacturing Chemists in N.W. London. Reply, stating age, experience and salary, to 314/440, Office of this Paper.

YOUNG Man wanted, to be trained as general Advertising Assistant, by Matthews Laboratories, Ltd., Clifton, Bristol, proprietors of "Nostroline." Applicants please give full personal particulars and details of education, qualifications and any previous experience, to Managing Director, as above.

COLONIAL, INDIAN AND FOREIGN

CHEMIST.—Qualified Assistant for healthy Eastern Colony; young, single, good appearance and address; accurate Dispenser and good Salesman; four years' agreement; passage paid out and home. Write, with full particulars, to Box A.120, Willings, 133 Moorgate, E.C.2.

SITUATIONS WANTED

RETAIL (HOME)

2s. for 18 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.—YOUNG Qualified (1935) Chemist; capable Dispenser, Window-dresser, Photographer, Counter Salesman, etc., wants position with prospects in South; tall, trustworthy, with excellent references; interview suggested. 248/2, Office of this Paper.

A.A.—QUALIFIED Young Lady seeks situation in good-class Pharmacy, London or suburbs; free one week; excellent references; good experience with well-known Beauty Preparations. Apply 247/5, Office of this Paper.

A. HAWTHORNE, M.P.S., Barton-on-Humber, for Locum or Relief work; experienced; free. Apply 46 Westfield Road, Barton-on-Humber.

A Qualified Manager (39) desires change to post where good work and initiative will result in advancement to both owner and self; excellent experience and references; S.W. London preferred; free one month. E.R.S., 64 Melody Road, S.W.18.

A SMART Qualified Manager (25), 8 years' first-class experience all branches, desires post; expert Salesman, Window-dresser, Dispenser; first-class references. 247/100, Office of this Paper.

AN experienced Qualified Manager desires post, London or suburbs, in private or store Pharmacy; disengaged; good references; reliable, and courteous manner; salary £4 10s. D., 42 Lordsmead Road, N.17.

AS a Qualified Chemist (50); ten years' West End experience; full or part time. 66 St. Anns Hill, S.W.18.

BIRMINGHAM or Near.—Qualified (30) desires position, Manager or responsible Senior; married; extensive varied managerial experience; expert Display, Salesmanship, Photographic; free for interview. M.P.S., 37 Church Road, Birmingham, 13.

BRIGHTON-WORTHING DISTRICT.—Registered Pharmacist, experienced, reliable, seeks engagement as Manager or Locum; disengaged. M.P.S., 1 Waterloo Place, Brighton.

CAPABLE, energetic young Lady, fully Qualified, excellent experience in good-class Dispensing and Counter, and Insurance Dispensing, seeks situation, preferably with view to Managership or succession; available immediately. 245/6, Office of this Paper.

CHEMIST, experienced, recommended; excellent Prescriber; Locum or permanency; disengaged; London or provinces. Chemist, 36 Buckley Road, Brondesbury, London, N.W.6.

CHEMIST-OPTICIAN, M.P.S., B.O.A. (32), requires position as Senior or Manager; expert Window-dresser and Salesman; disengaged December 1. A.R.A., Lyncroft, Mutrix Road, Margate. Margate 1808.

CHEMIST-OPTICIAN (27), own equipment; superlative references; free at once. 247/1, Office of this Paper.

DISPENSER—BOOK-KEEPER, Hall Certificate, 14 years' experience private practice, good testimonials, desires post; free November 6; Home Counties preferred. M. B., Belgaum, Poyle Road, Guildford, Surrey. Telephone Guildford 73.

DISPENSER, Hall Qualifications; Irish young lady requires post with Doctor or in Hospital; experienced. 247/12, Office of this Paper.

DISPENSER, Unqualified (male), disengaged, seeks post; willing, energetic and conscientious. D., 24 Phoebeth Road, Brockley, S.E.4.

DISPENSER, young lady, desires post with either Doctor or Chemist's shop; Oxford or Reading district preferred. Apply 247/15, Office of this Paper.

ELDERLY Pharmacist, reliable, seeks post as Superintendent; light duty, part-time; terms moderate. "Chemist," 129 Birchfield Road, Birmingham.

EXPERIENCED Registered Pharmacist, having 1937 bookings, can undertake further engagements. Chemist, c/o York House, Chipping Sodbury, Gloucestershire.

GOOD all-round Unqualified Assistant requires permanency or relief (age 36, married); free now. Over 59 Sumatra Road, N.W.6.

JAMES LEES, of Beechwood, New Cumnock, Ayrshire; experienced Qualified Locum offers his services for winter months; now disengaged; easy terms.

LADY Dispenser, Hall certificate, requires position with Doctor or Chemist; part or full time. Brooker, 116 Welldon Crescent, Harrow.

LADY, Hall Qualification; 15 years' varied experience; good references. 247/51, Office of this Paper.

LADY, middle-aged, requires post; Chemist, Doctor, Counter, Dispensing and Nursing experience (Hall); Housekeeper (where maid). 48 Grimshaw Lane, Ormskirk.

LADY, Qualified, requires a four-day weekly post or Locum; good general all-round experience. Pharmacist, 208 Portsdown Road, W.9.

LEEDS—WEST RIDING.—Qualified (22), tall, desires permanency or Locum; wholesale or retail. Creak, 7 Wolley Avenue, New Farnley, Leeds.

LOCUM.—Chemist-Optician, well recommended. "Statim," 91 Stamford Hill, N.16.

MANAGER, M.P.S., F.N.A.O., F.I.O., M.I.C.O., desires permanency with good prospects, fair salary; experienced all types of Pharmacy and Optics; West End experience; capable of controlling staff; excellent references; interview. Chemist, 182 Benhurst Avenue, Elm Park, Romford, Essex.

M.P.S.—HIGHLY experienced Counterwork, Dispensing, Photographics, Book-keeping; abstainer; tall; disengaged; locum or permanency. 34 Santos Road, S.W.18.

M.P.S., Manager or Locum; free soon (age 38); London or Home Counties. 247/2, Office of this Paper.

M.P.S. REQUIRES Managerial or responsible post; permanency (Manchester, Salford or Liverpool); thoroughly trained and experienced; conscientious, abstainer, energetic; excellent references; free. Pharmacist, 247 Regent Road, Salford. TRA 0765.

PART-TIME, Evenings, Saturday or Sunday; C. and D. student; good experience. Brunton, 20 Sibella Road, Clapham, S.W.4.

PART-TIME post required by Qualified Lady; London or South-West suburbs. Carruthers, 12 The Byeway, East Sheen, S.W.14.

NAMES AND ADDRESSES

When sending advertisements for any of the columns of this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their **names and addresses.** It sometimes occurs that this rule is not adhered to and delay and disappointment ensue. Strict attention to this detail will be appreciated.

PART-TIME, Qualified, reliable; London district; moderate salary; disengaged. Apply 247/55, Office of this Paper.

PHARMACIST, experienced and capable; seeks position as Manager; disengaged; interview desired. Flood, 84 Crescent Lane, Clapham, S.W.4.

PHARMACIST (24), Northern Ireland Qualification, requires position as Manager or Assistant; excellent experience and references. 247/4, Office of this Paper.

QUALIFIED Chemist (30), tall, married and with pleasing personality, requires position as Manager where his extensive experience in Counter Prescribing would be utilised; excellent references; free immediately for locum or permanency. M.P.S., 47 Daisy Bank Crescent, Walsall.

QUALIFIED, elderly, active. W. T., 33 Barbara Street, N.7.

QUALIFIED Lady, Square-trained, capable Dispenser, 6 years' West End managerial experience, desires four or five days weekly position or part-time post in high-class district in London or suburbs. 274/35, Office of this Paper.

QUALIFIED Lady (24) requires post; good Dispenser and Counter hand; London area. 247/41, Office of this Paper.

QUALIFIED, single (34), desires change; resident London area; 8 years managing all-round experience; excellent references; permanency. 247/11, Office of this Paper.

QUALIFIED (24), energetic, reliable, requires progressive post, Manager or Assistant; excellent references; disengaged. M.P.S., 24 Maids Causeway, Cambridge.

QUALIFIED (22), good all-round experience, desires permanency; disengaged. "Pharmacist," 85 Wickham Lane, Abbey Wood, S.E.2.

QUALIFIED (25), tall, good Dispensing experience, well recommended, requires position in good-class Pharmacy. Price, 5 Shaftesbury Avenue, Chesterfield.

QUALIFIED (27, tall) requires evening work in London; high-class experience (private and multiple); excellent references; free November 15. 246/3, Office of this Paper.

VIEW Succession; experienced Manager (34) desires berth, preferably with living accommodation; substantial deposit. Bonnett, 93 Ranuoch Road, Hammersmith.

YOUNG LADY, Unqualified, registered student; excellent Dispenser; good references; free when suited. Miss Hawker, c/o 52 South Street, Dorchester.

WHOLESALE

A SALES and General Manager of wide and consistently successful experience is available for an appointment at home or Colonies. 239/15, Office of this Paper.

ALERT, well-spoken young gentleman desires representative or propaganda work in the Liverpool area; Qualified, and with good Retail experience; available now. "N.R.W.," 12 Lanrane Close, Liverpool, 16.

COSMETICS.—Advertiser with extensive manufacturing experience seeks position; own formulary; used to modern methods and factory control. 240/10, Office of this Paper.

F. C. FIELD, West of England Representative for Chemists' Sundries, etc., for 15 years, would like to get in touch with good house. 41 Hill Park Crescent, Plymouth.

LONDON Representative, excellent connexion with Trade and Stores, seeks Agency on commission basis; Retail experience. 247/47, Office of this Paper.

MAN (33), experienced (home) Order Clerk, desires progressive position; 12 years present position with well-known London Wholesale House; fully conversant with all Drugs, etc. 245/7, Office of this Paper.

MAN (26), tall, smart appearance, desires post as Representative or position in Wholesale, where 10 years' experience Patents, Perfumery, Surgical Salesmanship, Stock-keeping, Display, be utilised; manage staff; good address; drive car; reasonable salary commence; resident London suburb. 247/49, Office of this Paper.

PHARMACIST, well educated (29 years of age), desires a position to represent a reputable firm; Cheshire, North Wales, and Lancashire preferred. 246/18, Office of this Paper.

PHARMACIST (27) desires Wholesale situation; high-class Retail experience; good Salesman and Organiser; knowledge Therapeutics; modern business methods. 247/14, Office of this Paper.

REPRESENTATIVE

desires position with firm of repute; 16 years' experience; popular with Chemists in several Counties, whose goodwill guarantees increase of sales. 248/10, Office of this Paper.

REPRESENTATIVE, keen, well educated (42), experienced; 19 years' travelling Chemists and Hairdressers, Wholesale and Retail, excellent connexion (14 years Metropolitan area, regular journeys) Toilets and Medicinals; own car; apprenticed to Retail Pharmacy; 8 years last position; highest references. P.C.B. 262/23, Office of this Paper.

REPRESENTATIVE (34), live connexion Midlands, West England, Wales; 14 years' experience; any territory; also knowledge Sales management and buying. Advertiser, 56 Madeira Road, Streatham, London.

SCOTLAND.—Energetic Representative, thoroughly conversant with every phase of medical detail work; extensive connexions with medical and allied professions and trade generally; over 14 years' experience. 247/54, Office of this Paper.

WELL-KNOWN Representative, with established Chemists, etc., connexion (Wholesale also), covering Hants, Wilts, Dorset, Somerset, Glos, Oxon, Devon, Cornwall and I.O.W., is open for one good additional nationally advertised line on part expenses and/or commission basis; intensive worker; covers area every three months. 247/40, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN

A SMART, efficient, Qualified man (25) desires position abroad; expert Salesman; experienced Wholesale and Retail. 247/10, Office of this Paper.

REPRESENTATIVE (29), public school, requires position, South Africa; sound experience of Surgical Instrument and Drug Trades; sales and office routine; capable branch management. 33 Chelwood Gardens, Kew, Surrey.

FOR SALE

(Articles to the value of £5-£50.)

NATIONAL CASH REGISTER; prints sales and adds total; perfect, but no longer needed; reasonable. Write W. Hughes, 35 Almond Road, N.17.

TO JOBBERS.—Acquired under a liquidation, 1,000 dozen packs of a nationally advertised line retailing at 1s. 3d.; suitable for Home Trade, also for Export to India and West African Markets. For particulars apply 314/438, Office of this Paper.

150 GROSS No. 7 Amber Tablet Bottles; new and unused; fitted cork wads and aluminium caps; inspection in London. What offers? 314/437, Office of this Paper.

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MISCELLANEOUS

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CASH REGISTERS, NATIONAL, £10 TO £25.—Over 100 to choose from, including ticket issuers; guaranteed genuine bargains at Great Britain's Cheapest and Largest Central Depot; easy terms, exchanges, repairs, supplies; complete overhauls from £3; estimates free; Box Cash Tills from 15s., new. AMALGAMATED BUSINESS MACHINES, LTD., 78 Long Lane, Smithfield, E.C.1. Phone: National 0674. Machines bought for cash.

CHEMISTS' FITTINGS.—Second-hand, in excellent condition; Mahogany Drug Run, with 32 drawers, cupboard and lockers, 4 shelves above, 12 ft. long, £14 10s. Mahogany Glass-fronted Counter, 10 ft. long, £8 10s. Mahogany and Plate Glass Display Counter fitted 1 row glass shelves, 8 ft. long, £8 10s. Mahogany Mirror Back Wall Case, 3 rows glass shelves, 5 ft. long, £17 10s. Mahogany 5-sided Sponge Case, 3 ft. high by 2 ft. 6 in. wide, £3 10s. Inspection invited. Illustrated catalogue of new modern Pharmacy Fittings on request. F. MAUND & E. BERG (SHOW-CASES), LTD., Shopfitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

REAL Bargain, £4 17s. 6d., Mahogany Wall Case, height 4 ft. 6 in., width 6 ft. 6 in., depth 8 in.; Mirror, glass back, and 16 glass adjustable shelves. F. G. How & Co., Ltd., 27 Fore Street, E.C.2.

WANTED, Tablet Machine, gear driven, single punch, to compress tablets up to ¾ or 1-inch diameter. 314/425, Office of this Paper.

WE have just enlarged some almost new Pharmacies taken over by a multiple firm and can offer outstanding bargains in practically new and modern fittings; for example: 10-ft. Ideal Serving Counter; 6-ft. Ideal Dispensing Screen; 10-ft. Drug Fitting; 6-ft. Wall Showcase, £75. Write or call PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. 'Phone Clerk. 4111/2. "Pharmacy Fitters for Over a Century."

940 SALARIED SALES VACANCIES were passed to our students last year; all our Qualified men received introductions on completion of spare-time studies. Send TO-DAY for FREE BOOK, "Salesmanship," Dept. 84, The WALLACE ATTWOOD COLLEGE, LTD., Victoria House, Southampton Row, W.C.1.

—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting. Signs and modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

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2d. per word, minimum 2s. (Box No., 1s. extra.)

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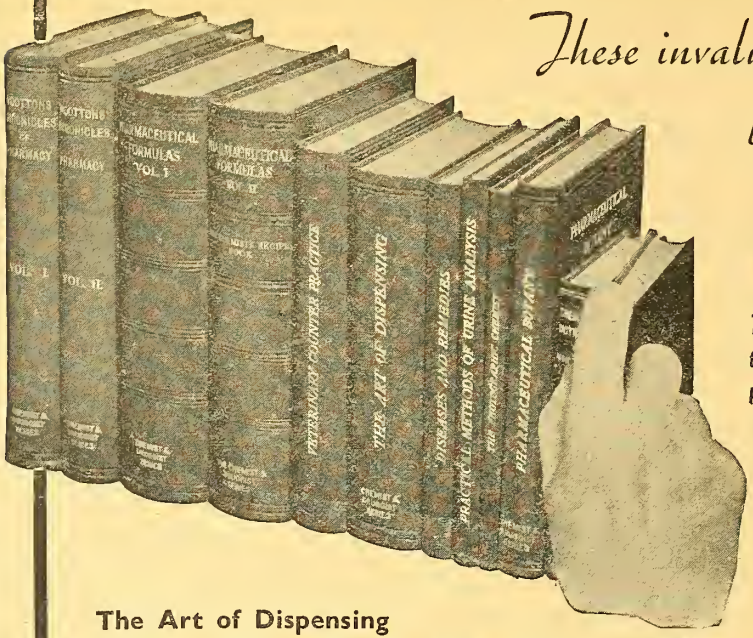
EPHEDRINE Tablets wanted for cash. 247/34, Office of this Paper.

OLD Tablet machine (any condition). 314/435, Office of this Paper.



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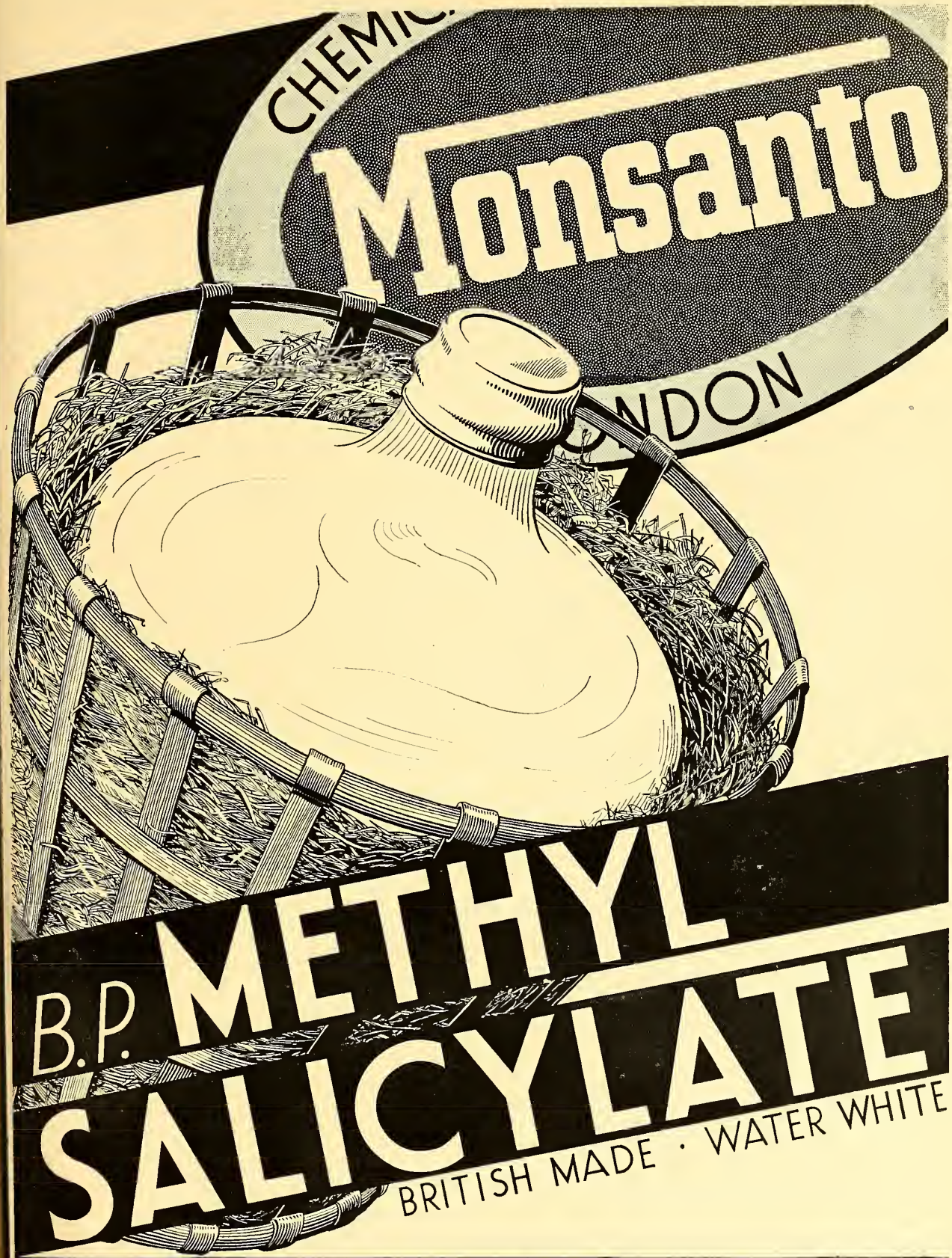

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